For over 50 years, HALO has been the industry leader in recessed and track lighting providing innovative and contractor-friendly lighting products. State-of-the-art engineering, on-going research and development, meticulous production standards, and a tradition of unparalleled service are the strong characteristics, which enables HALO to be the brand of choice.
HALO LED H7 Collection - 600 / 900 / 1200 Series
The Halo LED H7 collection of 6" downlights offers three lumen packages across the 600, 900, and 1200 Series - a versatile collection of energy-efficient LED downlights for general lighting in commercial and residential applications. The Halo LED 600, 900, 1200 Series were designed for either new construction or retrofitting existing 6" compatible housings (Edison screw base adapter included). Halo LED H7 Collection features excellent color (over 80 CRI) and offers the industry's widest selection of color temperatures (2700K, 3000K, 3500K and 4000K). Halo LED is ENERGY STAR® qualified and can be used for California Title 24 and IECC High Efficacy compliance with designated LED modules and LED trims.

HALO LED H4 Collection - 4" Downlight
HALO H4 LED Downlight Collection functions as a three-part system that allows the downlight housing, light engine module and trim to be installed according to the pace of the project. H4 collection offers four LED light engine color temperatures (2700K, 3000K, 3500K and 4000K). The downlights accept 16 different trims including reflector, baffle and lensed. Housings are offered in Insulated-Ceiling (IC) and Non-IC air-tight models and include dimmable LED drivers. Halo LED is ENERGY STAR® qualified and can be used for California Title 24 and IECC High Efficacy compliance with designated LED modules and LED trims. HALO 4" LED downlights save energy, reduce green house gas emissions, and save money without sacrificing performance.
ALL-PRO LED

All-Pro LED RL7 All-Purpose Retrofit Module-Trim
The All Pro RL7 LED is designed to fit into both 5˝ and 6˝ standard and shallow recessed housings by Halo, All Pro, and many other compatible recessed housings. Providing excellent color quality and a warm white color temperature (3000K), the RL7 series consumes less than 15 watts and delivers over 635 lumens (more than 65 watt BR30 lamp). The RL7 is dimmable and is designed to last over 50,000 hours, with 70% lumen maintenance. The RL7LED offers flexible mounting with torsion springs or optional 5˝ and 6˝ friction blades (included). RL7 LED is ENERGY STAR® qualified and can be used for California Title 24 and IECC High Efficacy compliance.

HALO CFL

4˝ Series / 6˝ Slope Ceiling / 5˝ & 6˝ Dimming
Halo 4˝ compact fluorescent housings in new construction and remodel feature insulated ceiling rating and electronic ballasts. The 4˝ CFLs offer choice of 13 watt or 18 watt CFL, and a wide selection of trims including baffles, reflectors, open and lensed shower trims. Halo 6˝ CFL Slope Ceiling housing models are available with standard and dimming electronic ballasts for 26, 32, or 42 watt CFLs. Designed for slope ceilings of 2/12 to 6/12 pitch, the housings are also IC-Insulated Ceiling and AT-AIR-TITE rated. Trim choices are White and Black Baffle. Halo 5˝ and 6˝ CFL are offered with electronic dimming ballasts with a relative dimming range of 15% to 100%. Designed to meet the residential market demand for CFL dimming, the Halo package of 5˝ and 6˝ dimmable CFL housings offers great value. Halo CFL models are ENERGY STAR® qualified, and can be used to meet California Title 24 and IECC high efficacy compliance.

HALO H3

HALO H3 Decorative Trims
Designed for contemporary décor and offering a very small ceiling presence, the H3 Deco has added decorative glass and adjustable trims to the H3 downlight line. H3 recessed trims offer small apertures with high light output, efficient halogen lamps- MR16 low voltage and GU10 line voltage. H3 Deco trims compliment commercial and residential spaces with precision design and designer finishes (White, Satin Nickel, Tuscan Bronze, Satin Chrome) along with attractive glass elements in Etched, Frost, Blue, Amber.

PDS

Haze and Wall Wash Trims
PDS offers a full range of reflector options including open, open wall wash, baffle and lens with a choice of patterns. Reflectors are formed from high purity aluminum alloy and anodized with either a specular clear or semi specular clear (Haze) finish providing a consistent and durable finish for the life of your project. The open wall wash reflectors provide uniform vertical illumination with a downlight component and use the patented GRUVI™ concept.
For greater energy conservation, AIR-TITE fixtures help to prevent air leakage from heated or air conditioned into the unconditioned areas. In non-AIR-TITE fixtures air is forced through small openings by changes in air pressure, temperature and humidity and this air exchange from conditioned to unconditioned areas can create higher heating and air conditioning costs. By sealing all openings in and around the fixture, HALO AIR-TITE fixtures meet the ASTM-E283 standards; for compliance with restricted airflow requirements of state and local building codes. HALO offers AIR-TITE models in both IC and Non-IC housings.

**INSULATED CEILING**

Insulated Ceiling (IC) type fixtures can be installed in direct contact with air permeable ceiling insulation. This allows the insulation layer to remain unbroken and prevent heating and air conditioning losses. These housings are also equipped with thermal protectors to guard against overlamping by cycling the lamp off and on until the problem is corrected. IC rated luminaires are tested to UL1598 standards where loose-fill, air-permeable insulation materials such as fiberglass and cellulose may be placed in direct contact with the luminaire. Air-permeable insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing. Currently there are no industry guidelines for use of spray-in foam insulation in direct contact with recessed luminaires. As such, Cooper Lighting recommends that spray-in foams be kept 3” from recessed luminaires. Alternate installation when spray-in foam is used, might include but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire.

**"T" HOUSING**

Standard thermally protected type “T” housings are for use in non-insulated ceilings. When installed in a ceiling with insulation, the insulation must be kept 3” from all sides of the unit and there must be a least 1” clearance from the top of the fixture to any ceiling material. The integral thermal protector or insulation detector on Halo recessed fixtures provides positive protection against misuse of ceiling insulation and overlamping by cycling the lamp on and off until the problem is corrected. Halo fixtures with ballasts are thermally protected in the ballasts. To meet specific municipal standards, many fixtures carry an “IP” rating.

**COMMERCIAL GRADE**

Many of the recessed housings in this catalog are suited for commercial applications such as the H280, H285, H800, H802, H803, H880 Series compact fluorescent housings. PDS fixtures also lend themselves to commercial work. These fixtures offer higher lumen output in commercial 120/277 voltage. Trim choices include downlights, adjustables and wall washers.
SMALL APERTURE- 3” AND 4”

Small aperture housings are best suited for task and accent lighting especially over counters and in display areas. Small aperture housings are offered in standard non-IC, IC, AIR-TITE and remodel styles.

REMODEL

Remodel housings simplify installation when fixtures need to be added to existing ceilings. They can be installed from below in existing ceilings by cutting a hole, bringing power to the fixture and installing the housing. The spring clips lock the fixture in place and they can accommodate ceiling material of 1/2” and 5/8” thick. The integral thermal protector provides positive protection against overlampung and allows an IP rating.

SHALLOW HOUSING

Shallow housings are designed to solve installation problems where lower joist construction is used in the ceiling. These housings are available in either standard or remodel units and accept a wide variety of trims for different lighting effects. Shallow housings are available in IC - Insulated Ceiling, T - Non-Insulated Ceiling, and AT - AIR-TITE models.

SLOPE CEILING

Slope or “cathedral” type ceilings require special housings to keep the lamp aimed straight down rather than following the slope of the ceiling. A lamp aiming mechanism in these fixtures allows the lamp to be aimed vertically in ceiling slope ceiling pitch is measured from 2/12 to 12/12 (the first number refers to the amount of “drop” per 12 inches of horizontal measurement). A built-in slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Halo offers slope ceiling fixtures for incandescent and for compact fluorescent lamps, slope pitch adjustment is offered in 2/12 to 6/12 and 2/12 to 12/12. Slope ceiling housings are available in IC - Insulated Ceiling, T - Non-Insulated Ceiling, and AT - AIR-TITE models.
## TYPES OF TRIMS

### FULL REFLECTORS

Reflector trims create wide light patterns and maximize the efficiency of the light source. Haze reflectors reduce glare yet maximize light distribution, gold finished reflectors add warmth and black reflectors minimize glare. Full reflectors are used with a wide variety of light sources (A, GS, CFL, HID, Incandescent, Halogen, Low Voltage and LED).

### REFLECTOR CONES

Reflector cones are generally shorter and are designed for use with reflector style (R, BR MR, GU-10, and PAR lamps). They direct the full output of these lamps to the illumination task.

### BAFFLES

Baffle trims trap and shape light to minimize glare and reduce ceiling brightness. Baffles narrow the focus of the downlighting beam and control reflector style lamps (R, BR, MR, GU-10, and PAR lamps). Baffles are also with a broad base of general light sources (A, GS, CFL, HID, Incandescent, Halogen, Low Voltage and LED).

### EYEBALLS/GIMBALS/ADJUSTABLES

These trims provide precise, variable direction lighting. They are especially useful for directing light to accent areas, wall hangings, mantels and task areas. Directional reflector style lamps are used (R, BR, MR, GU-10 and PAR).

### WALL WASHERS

Wall Wash trims provide vertical surface illumination. Special reflectors allow both wall washing and downlighting. Depending on the light source and fixture positioning, these trims will provide uniform, scalloped or non-uniform lighting patterns.

### LENSES AND DIFFUSERS

Lenses and diffusers are designed to soften and direct the light. Designated trims can be used as shower lights and have UL/cUL wet location listing.

### OPEN TRIMS

Open trims create an attractive finished look without compromising the natural efficiency of reflector style lamps (R, BR and PAR).
HALO®

Halo, All-Pro and PDS give you the tools to create the exact interior environment you envision. Choose from HALO apertures that range in size 3”, 4”, 5” and 6” to larger scales 7”, 8”, 9” and 11” for more demanding commercial work. Selections from ALL-PRO and PDS round out the choices available for every type of application.

REFLECTOR FINISHES

Reflectors are offered in several finishes for high efficiency, soften illumination, or to make a defined decorating statement.

- Gold
- Specular Clear
- Satin Nickel
- Antique Copper
- Haze
- White
- Tuscan Bronze
- Specular Black

BAFFLES

Available in either black for the most effective shielding or white for an inconspicuous daytime appearance.

- White
- Black

TRIM RING FINISHES

Trim Rings are offered in a wide choice of painted or plated finishes to either blend in with an existing decor or to make a well defined decorating statement.

- White
- Black
- Satin Nickel
- Tuscan Bronze
- Antique Copper
- Satin Chrome
- Polished Chrome

TRIM STYLES

Besides round aperture trims, Halo also includes a number of square trims that reinforce rectilinear decor lines and decorative glass trims that make a distinctive designer statement.
**HALO®**

**INSTALLATION FRIENDLY FEATURES**

**GOT NAIL™ HANGER BARS WITH PASS-N-THRU™**

- **GOT NAIL!** Patented Bar Hanger System has a precisely aligned pre-installed nail.
- The Automatic Levelling Flange aligns the housing with the joist bottom and keeps the housing secured during installation.
- **GOT NAIL!** easily handles regular lumber, frozen lumber, Engineered I-joists and Laminated beams.
- Safety and Guidance System prevents snagging, ensures smooth, straight nail penetration and allows removal and reinstallation. Automatic Leveling Flange of the bar hanger aligns the housing and lets you hold the housing in place with one hand while driving the nails. Exclusive bottom slot allows the housing to be shifted almost 1” sideways for accurate placement.
- The Integral T-Bar Clip snaps into position on T-grid members. No accessory clips required. The bar hanger can be secured with wire or reinforced with a screw if required by local codes. The bar hanger design allows true side-by-side mounting.
- Patented Pass-N-Thru™ feature of the bar hangers allows them to be shortened for use in tight spots without removing from the plaster frame. Push bars together and flex at score lines until excess can be removed.
- Bar hangers can be shortened for use in joist spans of less than 12” without tools or having to remove bar hangers from plaster frame.

- **Regular lumber and frozen lumber**
- **Engineered I-joists**
- **Laminated beams and laminated veneer beams**
- **Safety and Guidance System**
- **The Integral T-Bar Clip**
- **The bottom hole can be used with screws**
- **For metal framing, the bar hanger may be ordered with a self tapping screw**
- **The Pass-N-Thru feature**

**SLIDE-N-SIDE™ JUNCTION BOX**

- Patented Slide-N-Side strain relief wire trap system.
- Slide-N-Side allows wiring connections to be made outside the box for speed and accuracy.
- Accepts 12/2, 12/3, 14/2, and 14/3 non-metallic sheathed cable (12/2, 14/2, and 14/3 Canada).
- Junction boxes rated for applicable through-branch circuit wiring.

- **Slide-N-Side™ Junction Box**

**JUNCTION BOX WITH PUSH-IN WIRE CONNECTORS**

- Quick Connects - Now standard on HALO residential housings where indicated.
- Quick Connects - Speeds installation. Simply strip and insert supply wires into connectors.
- Quick Connects - No additional wire nuts are required.
Rising energy demand and corresponding costs are a fact of life and lighting fixtures play a two fold role in the energy equation —besides the lamps and fixtures themselves, their effect on heating and air conditioning costs must also be considered.

**IC Fixtures**

If lighting fixtures are being installed in an insulated attic area, choose IC (Insulated Ceiling) and for additional benefits choose ICAT (Insulated Ceiling AIR-TITE) fixtures. These fixtures allow you to maintain an unbroken layer of insulation. IC rated luminaires are tested to UL1598 standards where loose-fill, air-permeable insulation materials such as fiberglass and cellulose may be placed in direct contact with the luminaire.

Air-permeable insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing. Currently there are no industry guidelines for use of spray-in foam insulation in direct contact with recessed luminaires. As such, Cooper Lighting recommends that spray-in foams be kept 3” from recessed luminaires. Alternate installation might include, but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire.

**AT Fixtures**

AIR-TITE fixtures are qualified under test standard ASTM E-283, with seal of openings between unconditioned areas and heated or air conditioned spaces. Standard recessed housings allow 5.0 cubic ft. per minute of air leakage to escape into unconditioned spaces. AIR-TITE fixtures reduce this leakage by sealing air pathways between areas and attic spaces. AIR-TITE fixtures may be IC for use in insulated ceilings (such as H71CAT) or they may be Non-IC for non-insulated ceilings (such as H36TAT).

Additional benefits include: Savings in heating and air conditioning bills, preventing moisture damage to ceilings, reduced sound transmission between floors, and eliminating drafts for greater comfort.

**Super-Trims**

A HALO Super-Trim makes an H7 housing AIR-TITE. Simply add the Super-Trim to a Halo H7 and enjoy the additional benefits of an AIR-TITE fixture. Super-Trims are identified with the following icon.

**Wet Location Listed Showerlights**

HALO, ALL-PRO and PDS offer wet location listed trims designed for use over tubs and in showers. Where noted, models have trim rings manufactured of non-conductive and non-corrosive polymer materials to provide long life. Trims suitable for use in showers carry a wet location UL/cUL listing and are identified with one of the following icons.

Cooper Lighting is a participating member and significant contributor in industry associations to assure that our lighting and control systems adhere to the highest performance and efficiency standards.

The US Environmental Protection Agency’s ENERGY STAR® program is designed to identify and promote energy efficient products and buildings. Cooper Lighting is proud to have hundreds of qualified products including many of our Halo recessed downlights. [www.energystar.gov](http://www.energystar.gov)

Cooper Lighting supports state codes enforcing more stringent and environmentally protective standards such as California Energy Commission’s Title 24 Energy Efficiency standards for Residential and Nonresidential Buildings. [www.energy.ca.gov/title24](http://www.energy.ca.gov/title24)

International Energy Conservation Code (IECC) establishes energy-related heating, cooling, water heating, electrical and lighting system standards for residential, multi-family, and commercial buildings. [www.icecsafe.org](http://www.icecsafe.org)

Cooper Lighting is a proud participating member of the IESNA, Illuminating Engineering Society of North America. [www.iesna.org](http://www.iesna.org)

ASHRAE/IESNA 90.1 standard is generally regarded as the definitive source of guidelines for achieving energy efficiency requiring certain watts per square foot (w/ft²) depending on the application. [www.ashrae.org](http://www.ashrae.org)

As a U.S. Green Building Council member, Cooper Lighting supports their mission to promote buildings that are environmentally responsible, profitable and healthy places to live and work. [www.usgbc.org](http://www.usgbc.org)

The American Lighting Association is a lighting industry trade association. Members include lighting and ceiling fan manufacturers, retail showrooms, sales representatives and professional residential lighting designers. [www.americanlightingassoc.com/](http://www.americanlightingassoc.com/)

The LIRC works to enhance communication between professional lighting designers and lighting manufacturers to improve products, services, business practices, and lighting design education. [http://www.iald.org](http://www.iald.org)

The mission of the National Association of Homebuilders is to enhance the housing and the building industry. Cooper Lighting is a proud participating member of the NAHB. [www.nahb.org](http://www.nahb.org)

RoHS Directive-Restriction of Hazardous Substances. This global initiative seeks to eliminate hazardous materials in products. Key materials being eliminated from products through RoHS include: cadmium, mercury and lead among others.

Cooper Lighting Halo, All-Pro and PDS brand luminaires are manufactured and designed in accordance with the specifications outlined in Underwriters Laboratories, Standard for Safety – Luminaires 1598. These luminaires additionally comply with the applicable requirements for such luminaires found within the National Electrical Code (NEC), NFPA 70. Products bearing the UL Listed and cUL Listed marks indicate that the luminaires have been evaluated by Underwriters Laboratories, and are found to be compliant with the product specific requirements for the United States and Canada. [www.ul.com/](http://www.ul.com/)

Cooper Lighting was the first major lighting manufacturer to partner with the Clinton Climate Initiative (CCI), and work with the C40 Large Cities Climate Leadership Group (C40) to reduce greenhouse gas emissions and serve as models for other cities. [http://c40cities.org](http://c40cities.org)

[www.clintonfoundation.org/cf-pgm-ccihome.htm](http://www.clintonfoundation.org/cf-pgm-ccihome.htm)
LUMINOUS FLUX (LUMENS)
Luminous flux (lumens) is the measure of the total light producing power of the light source. It is the amount of light leaving the source without regards to direction. An incandescent 100 watt inside frosted lamp has 1720 lamp lumens. A compact fluorescent 26 watt triple lamp has 1800 lamp lumens. The luminous flux is provided by the lamp manufacturers in a listing of common lamp and lumen values.

Units: Lumens (lm)  Symbol: \( \ell \)  

LUMINOUS INTENSITY (CANDELA)
The luminous intensity (candela) is the strength of the light produced in a specific direction. The luminous intensity of an optical system is compiled graphically into diagrams known as candela or candlepower distribution curves. Both polar and cartesian graphs are used within the lighting industry for this purpose. This information is also available in numeric tabular form.

Units: Candela (cd)  Symbol: I  

ILLUMINANCE (FOOTCANDLES)
Illuminance is the measure of the quantity of luminous flux that arrives on a surface. Illuminance is affected by the luminous intensity from the fixture in the direction of the lighted surface, the distance from the luminaire to the surface, and the angle of incidence of the arriving light. Although illuminance cannot be detected by the eye, it is the most often used criteria in specifying lighting designs.

Units: Footcandles (fc)  Symbol: E  

LUMINANCE (CANDELAS/METER²)
Luminance is the measure of light leaving a surface in a given direction. It is what the eye perceives. Typically, luminance reveals more about the quality and comfort of a lighting system than just illuminance alone.

Units: Candelas per Square Meter (cd/m²)  Symbol: L  

COLOR TEMPERATURE
The color temperature (chromaticity) of a light source describes the actual color appearance of the light produced with regard to its warmth or coolness. Measured on the temperature scale of Kelvin, it is defined with the use of a reference light source termed a blackbody radiator. This reference is completely black when cold, and as it is heated begins to glow, taking on a reddish orange appearance. Heated further, its color appearance shifts towards yellow, then white and eventually bluish white at the high end of the scale. An orange red color light has a lower color temperature than a blue white light. Psychologically, the lower Kelvin temperatures are perceived as “warm”, the higher as “cool”, the opposite of what might be expected. With discharge sources such as compact fluorescent and HID light is produced by methods other than heating a filament and the color is measured by its correlated color temperature (CCT). It is the measure of the color of the light, not the actual operating temperature of the lamp.

<table>
<thead>
<tr>
<th>Color Temp.</th>
<th>WARM (2700K)</th>
<th>WHITE (3000K)</th>
<th>NEUTRAL (3500K)</th>
<th>COOL (4100K)</th>
<th>DAYLIGHT (5000K)</th>
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</thead>
<tbody>
<tr>
<td>Effects</td>
<td>Warm</td>
<td>Friendly</td>
<td>Friendly</td>
<td>Neutral</td>
<td>Bright</td>
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<tr>
<td></td>
<td>Cozy</td>
<td>Intimate</td>
<td>Safe</td>
<td>Clean</td>
<td>Alert</td>
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<td></td>
<td>Open</td>
<td></td>
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<td>Efficient</td>
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<table>
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<tr>
<th>Typical Applications</th>
<th>Restaurants</th>
<th>Hotels</th>
<th>Boutiques</th>
<th>Homes</th>
<th>Libraries</th>
<th>Office Areas</th>
<th>Retail Stores</th>
<th>Bookstores</th>
<th>Office Areas</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Conference Rooms</td>
<td>Showrooms</td>
<td>Classrooms</td>
<td>Hospitals</td>
<td>Printing Companies</td>
<td></td>
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</tr>
</tbody>
</table>

Applications: Restaurants, Hotels, Boutiques, Homes, Libraries, Office Areas, Retail Stores, Bookstores, Office Areas, Conference Rooms, Classrooms, Hospitals, Printing Companies.
The color rendering index (CRI) of a light source describes the influence of light on the color appearance of objects being illuminated. CRI describes the apparent color shift undergone by a standard set of test colors illuminated by a source as compared to their appearance under the blackbody reference source. The apparent shift in colors is measured and averaged on the CIE chromaticity diagram, and the higher the number, the closer the apparent match. Since CRI is an average it is not possible to predict the effect on one particular color, and consequently, different lamps with the same CRI may not render colors alike. CRI is only a valid comparison when comparing lamps of the same color temperature since the appearance of the test colors vary as the reference blackbody radiator varies.

Units: CRI (on a scale up to 100)

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**Cutoff and Shielding Angle**

The lamp cutoff angle of a luminaire is the angle between the vertical axis (nadir) and the first line of sight when the bare source is no longer visible. Lamp image cutoff is measured the same way as lamp cutoff, but it occurs when the image of the lamp is no longer visible in the reflector. The shielding angle is the complement of the cutoff angle.

When both the lamp cutoff and lamp image cutoff are equal, the optical system has no spill light and uses all of the light in the useful beam. Equal cutoff to lamp and lamp image also provide higher visual comfort for the end.

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**Reflectance**

Reflectance is the ratio of luminous flux (lumens) reflected from a surface in relation to luminous flux (lumens) incident onto the surface. Types of surface reflectance range from the specular to the diffuse (lambertian), with many objects exhibiting combinations. Typically, reflectance becomes more specular with larger incident angles. Reflectances of room surfaces are important consideration when calculating illuminances using the “Lumen Method.”

Reflectance % = \( \frac{\text{Reflected Lumens}}{\text{Incident Lumens}} \)

Units: Percentage %  Symbol: p

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**Candela Diagrams**

(Candle Power Distribution)

Candela diagrams provide an illustration of the intensity and distribution of light. This allows quick estimates on how useful a particular fixture would be in an application. Polar graphs provide a visual indication on how narrow or wide a beam a fixture produces. Two sets of angles are referenced, vertical and horizontal angles. Vertical angles range from 0° at nadir to 90° along the ceiling line. The number of horizontal angles referenced depends on the rotational shape and symmetry of the light distribution. Sections, or planes of data, are cut at various intervals to describe the intensity changes at the same elevation angles. The 0°-180° plane slices the luminaire along the axis of the lamp, the 90°-270° plane cuts across the lamp axis. Additional planes are supplied every 22.5° where the light distribution becomes more asymmetric.

In general, numerical data instead of small polar diagrams should be used for calculations, since the diagrams become difficult to read at the higher elevation angles and at angles surrounding the fixture.

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**Luminaire Efficiency**

Luminaire efficiency is the ratio of lumens emitted by a luminaire in relation to lumens produced initially by the lamps contained within. It includes both the optical and thermal characteristics of the luminaire and is measured under controlled ambient conditions of 77°F (25°C). Luminaire efficiency does not indicate any information on the direction of the light leaving the fixture or its visual appearance.

Efficiency % = \( \frac{\text{Luminaire Lumens}}{\text{Lamp Lumens}} \)

Efficiency is a comparison of like terms; in the case of a lighting fixture, lumens from the luminaire vs. from the lamp. This measure of efficiency is concerned with the amount of light a luminaire can provide given the specific light source it employs.
AMBIENT LIGHTING
Lighting throughout an area which produces general illumination. The appropriate Halo recessed fixtures are available with LED compact fluorescent, incandescent or HID lamps to provide wide patterns of light distribution for this purpose. These units direct light in specific patterns to illuminate areas without drawing attention to the fixtures themselves.

TASK LIGHTING
Lighting directed to a specific area to perform a specific task. Use Halo fixtures with narrower beam patterns and high illumination levels. Task-Ambient Lighting—The combination of task and ambient lighting should provide a level of ambient lighting that is lower than the task yet is designed so the ambient complements the task lighting. Here luminance ratio should be considered. Luminance ratio is the measure of task or accent to surrounding ambient lighting. For example, retail stores may use 5-to-1 task-to-ambient lighting on cash registers for transactions and 10-to-1 accent-to-ambient lighting on displays to draw maximum attention to the products.

WALL WASHING
Lighting of vertical surfaces defines form, space and texture. It can visually increase the apparent size of a room while improving visual comfort. Halo has skillfully engineered fixtures designed to direct a broad spread of uniform illumination on these surfaces. LED, Incandescent, compact fluorescent or high intensity discharge sources can be used based on the size of the space, the level of illumination and intensity desired, energy efficiency and controllability.

ACCENT LIGHTING
Directional lighting used to focus attention on a particular object or surface. Its intensity levels vary according to ambient illumination levels. Higher ambient levels require higher accent illumination to provide the necessary contrast (luminance ratio). This requires adjustable fixtures which can deliver higher illumination levels and precise beam distributions. Halo has the products to fit these specifications. Halo adjustable trims are most often used in accent lighting. Incandescent and tungsten halogen R and PAR lamps; low voltage MR16, GU-10, PAR36 and PAR Metal Halide lamps offer the range of intensities and beam spreads necessary for controlled quality lighting.
### Incandescent & Halogen

Incandescent lamps are popular because they are easy to install, are relatively inexpensive and are available in a wide range of wattages and bulb styles. Incandescent lamps have filaments of tungsten wire heated by the passage of electrical current to incandescence. All clear incandescent lamps have a color rendering index of 100.

**A LAMPS**
- **General service “A” lamps** emit a warm amber light. These require reflectors to effectively control light.
  - Applications: General, Wall Wash
  - Sizes: A19, A21
  - **Average Rated Life:** 750 hours

**R and BR LAMPS**
- **Reflector and Bulge Reflector lamps** emit a warm amber light. These have built-in reflectors to control light in flood and spot beam patterns.
  - Applications: General Task, Accent, Wall Wash, Grazing
  - Sizes: R20, BR30, BR40
  - Beam Spread: Flood, Spot
  - **Average Rated Life:** 2,000 hours

### MR Low Voltage Halogen Lamps

Multifaceted reflector lamps produce crisp, white light; with more typical sparkle than PAR lamps. Low Voltage halogen lamps offer the best light control and are ideal for accenting. Low Voltage lamps require a transformer in the fixture to step line voltage down to nominal lamp operating voltage.

- **Applications:** Task, Accent, Wall Wash, Grazing
- **Sizes:** MR16, PAR36
- **Beam Spread:** Many available. Measured in beam angles.
- **Average Rated Life:** 4,000 to 6,000 hours

### PAR Halogen Lamps

Parabolic Aluminized Reflector lamps produce a crisp, white light. These use built-in reflectors with internal reflective coatings and lenses to control light in many beam patterns.

- **Applications:** General Task, Accent, Wall Wash, Grazing
- **Sizes:** PAR16, PAR20, PAR30, PAR30L (Long Neck), PAR38
- **Beam Spread:** Narrow Spot, Spot, Flood, Narrow Flood, Wide Flood
- **Average Rated Life:** 2,000 to 4,000 hours

### Compact Fluorescent

Compact Fluorescent lamps offer significant energy savings over incandescent sources, with high lumen output and selection of warm to cool color temperatures. CFL lamps generate light by using phosphors to transform the invisible ultraviolet radiation produced by the mercury arc into larger wavelengths of visible light. Pin-base triphosphor lamps produce the main peaks of visible energy in the red, green, and blue portions of the spectrum and produce high color rendering in a variety of color temperatures (2700K, 3000K, 3500K, 4100K).

**Quad Tube (Double Twin Tube)**
- Wattage 13W, 18W and 26W.
- NEMA Generic Code “CFQ”

**Triplet Tube**
- Wattage 13W, 18W, 26W, 32W and 42W.
- NEMA Generic Code “CFTR”

- Applications: General, Task, Wall Wash
- **Average Rated Life:** 10,000 to 12,000 hours

### LED (Solid State Lighting)

**LED - Light Emitting Diodes**

- Once known to the electronics industry are now a common component used for general lighting. And the reason is LED’s superior energy efficiency and extremely long operational life compared to traditional incandescent technology, LED’s have been used in automotive and signal products for some time because of LEDs natural generation of red, blue, and green color. With recent break-throughs in LED technology a LED is now capable of generating "white light". Combined with technological advances in LED power electronics, LED may be applied successfully to general lighting products, LED is also referred to as Solid State Lighting (SSL) because it is composed of various semiconductor materials and when an electrical current passes through the diode, the recombination of positive and negative charges results in the emission of photons or light. As a result LED luminaires are high-efficiency alternatives to less efficient light sources.

**The Benefits of LED**

- **Energy Savings -** Significant savings over traditional sources (Halo 600 Series consumes 78% less energy than comparable 65W BR30 incandescent lamps).
- **High Efficiency -** LED offers more Lumens per Watt (Halo 600 Series delivers up to 57 LpW compared to 9.5 LpW of 65W BR30 incandescent lamps).
- **Long Operational Life -** LED offers significant life values over 50,000 (Halo LED is designed to deliver 70% of initial lumens at 50,000 hours).
- **Reduced maintenance cycle -** LED can perform for years, even in 24 hours/7 days a week operation.
- **Dimmable -** LED drivers are capable of full range dimming (Halo LED dims to 15% with standard dimmers and 5% using dimmers with low end trim).
- **Improved quality of light -** LED downlight optics offer smooth, even illumination across the visual field.
- **Soffit applications -** LED downlighting may be used in protected canopies, porches, and soffits in colder climates than fluorescent sources.
- **Code compliance -** LED lighting may be used to meet stringent code requirements requiring higher luminaire efficacy (Lumens per Watt) and lower building power density (watts per square foot).
- **Reduced environmental impact -** Significant reduction in energy loads with LED lighting offers reduction of carbon emissions in electrical generation.

- **Applications:** General, Task
- **Beam:** Flood
- **Average Rated Life:** 50,000 hours / 70% lumen maintenance
H36TAT

3" Aperture Shallow Ceiling, Non-IC/AT
120V Line Voltage, GU10

H36TAT is a Non-IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic areas. For use with 120V GU10 lamps.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
- Four 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT™ CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thunk™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thunk™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
GU10 socket for 120V GU10 lamps.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H36RTAT

3’ Aperture, Shallow Ceiling, Remodel, Non-IC/AT
120V Line Voltage, GU10

H36RTAT is a Non-IC AIR-TITE™ remodel fixture for use with H3 3” series trims. For installation from below the ceiling. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic areas. For use with 120V GU10 lamps.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

REMODEL PLASTER FRAME
“Easy clip” provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

SLIDE-N-SIDETM JUNCTION BOX
- Four 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
- Installation requires non-metallic “NM” sheathed cable connection, or flexible metal conduit with shallow elbow connectors (not included).

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

SOCKET
GU10 socket for 120V GU10 lamps.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

REMODEL HOUSING INSTALLATION

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H36ICAT**

**3” Aperture, Shallow Ceiling, ICAT**

**120V Line Voltage, GU10**

H36ICAT is a shallow IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 120V GU10 lamps.

H36ICAT is IC rated and may be used in insulated ceilings and be covered with insulation.

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**FEATURES**

**HOUSING**

IC and AIR-TITE™ rated double wall aluminum construction, shallow height.

**PLASTER FRAME**

Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**

- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**

Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toless” shortening.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**

GU10 socket for 120V GU10 lamps.

**LABELS**

- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- UL/cUL listed for Direct Contact with insulation and combustible material

**QUALIFICATION**

IC and AIR-TITE™

Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:

- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H38ICAT

3" Aperture, Shallow Ceiling, ICAT
120V Line Voltage, GU10

H38ICAT is a shallow IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 120V GU10 lamps.

H38ICAT is IC rated and may be used in insulated ceilings and be covered with insulation.

**FEATURES**

**HOUSING**
IC and AIR-TITE™ rated double wall aluminum construction.

**PLASTER FRAME**
Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  (US) #14/2, #14/3, #12/2, #12/3
  (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
GU10 socket for 120V GU10 lamps.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Direct Contact with Insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H36LVTAT**

*3’ Aperture, Shallow Ceiling, Non-IC/AT 12V Low Voltage, MR16*

H36LVTAT is a Non-IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic areas. For use with 12V MR16 lamps.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

### FEATURES

**HOUSING**

Formed of CRS with white powder coat finish.

**PLASTER FRAME**

Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE™ gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**

- Four 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT™ CONNECTORS**

Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**TRANSFORMER**

Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for 50W max.

**SOCKET**

GU5.3 socket for 12V MR16 lamps.

**LABELS**

- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Halo Housing
Formed of CRS with white powder coat finish.

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

Junction Box
- Junction box and wire-way constructed in conformance with City of Chicago Plenum requirements.
- Four 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.

Got Nail!™ Pass-N-Thru™ Bar Hangers
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tooless” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for 50W max. Rated for 50W max.

Socket
GU5.3 socket for 12V MR16 lamps.

Labels
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction
- Meets Chicago Plenum requirements

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H36LVRTAT

3˝ Aperture, Shallow Ceiling, Remodel, Non-IC/AT
12V Low Voltage, MR16

H36LVRTAT is a Non-IC AIR-TITE™ remodel fixture for use with H3 3” series trims. For installation from below the ceiling. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 12V MR16 lamps.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

**FEATURES**

**HOUSING**
Formed of CRS with white powder coat finish.

**REMODEL PLASTER FRAME**
“Easy clip” provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Four 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
- Installation requires non-metallic “NM” sheathed cable connection, or flexible metal conduit with shallow elbow connectors (not included).

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**TRANSFORMER**
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for 50W max.

**SOCKET**
GU5.3 socket for 12V MR16 lamps.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

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**REMODEL HOUSING INSTALLATION**

1. Cut hole in ceiling using template supplied.
2. Bring power to fixture using non-metallic sheathed cable or flexible metal cable (per local code).
3. The Slide-N-Side™ wire traps allow all wiring connections outside the junction box.
4. Slide cable into Slide-N-Side™ wire trap and close junction box cover.
5. Insert plaster frame into ceiling opening.
6. Support clip keeps plaster frame in place during rest of installation.
7. Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening. Bottom of cam lock spring blades should be positioned on flat area of the plaster frame. Then secure in position with cam locks.
8. Install lamp and insert trim to complete installation.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H36LVTAT277**

**3” Aperture, Shallow Ceiling, Non-IC/AT**
**12V Line Voltage, MR16**

H36LVTAT277 is a Non-IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 12V MR16 lamps. H36LVTAT277 features integral 120/277 dual-tap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

**FEATURES**

**HOUSING**
Formed of 20 gauge CRS with white powder coat finish.

**PLASTER FRAME**
Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Four 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “boless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**TRANSFORMER**
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

**SOCKET**
GU5.3 socket for 12V MR16 lamps.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H36LVRTAT277

3" Aperture, Shallow Ceiling, Remodel, Non-IC/AT
12V Low Voltage, MR16

H36LVRTAT277 is a Non-IC AIR-TITE™ fixture for use with H3 3” series trims. For installation from below the ceiling. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. H36LVRTAT277 features integral 120/277 dualtap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

**FEATURES**

**HOUSING**
Formed of CRS with white powder coat finish.

**REMODEL PLASTER FRAME**
“Easy clip” provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Four 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
- Installation requires non-metallic “NM” sheathed cable connection, or flexible metal conduit with shallow elbow connectors (not included).

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**TRANSFORMER**
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

**SOCKET**
GU5.3 socket for 12V MR16 lamps.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

**REMODEL HOUSING INSTALLATION**

1. Cut hole in ceiling using template supplied.
2. Bring power to fixture using non-metallic sheathed cable or flexible metal cable (per local code).
3. Slide-N-Side™ wire traps allow making of wiring connections outside the junction box.
4. Slide cable into Slide-N-Side™ wire trap and close junction box cover.
5. Insert plaster frame into ceiling opening.
6. Support clip keeps plaster frame in place during rest of installation.
7. Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening. Bottom of cam lock spring blades should be positioned on flat area of plaster frame. Then secure in position with cam locks.
8. Install lamp and insert trim to complete installation.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H36LVICAT

3" Aperture, Shallow Ceiling, ICAT
12V Low Voltage, MR16

H36LVICAT is a shallow IC AIR-TITE™ fixture for use with H3 3” series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 12V MR16 lamps.

H36LVICAT is IC rated and may be used in insulated ceilings and be covered with insulation.

FEATURES

HOUSING
IC and AIR-TITE™ rated double wall aluminum construction shallow height.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.
• HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
• Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “toolless” shortening.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

TRANSFORMER
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for 50W max.

SOCKET
GU 5.3 socket for 12V MR16 lamps.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL Listed for Feed Through
• UL/cUL listed for Direct Contact with insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H38LVICAT**

3˝ Aperture, Shallow Ceiling, ICAT
12V Low Voltage, MR16

H38LVICAT is an IC AIR-TITE™ fixture for use with H3 3˝ series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic/plenum areas. For use with 12V MR16 lamps.

H38LVICAT is IC rated and may be used in insulated ceilings and be covered with insulation.

<table>
<thead>
<tr>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOUSING</strong></td>
</tr>
<tr>
<td>IC and AIR-TITE™ rated double wall aluminum construction.</td>
</tr>
<tr>
<td><strong>PLASTER FRAME</strong></td>
</tr>
<tr>
<td>Housing adjusts in plaster frame to accommodate up to 1-1/2˝ ceiling thickness. Galvanized steel construction. Plaster frame features include:</td>
</tr>
<tr>
<td>• Regressed locking screw for securing hanger bars.</td>
</tr>
<tr>
<td>• Cutouts for easily crimping hanger bars in position.</td>
</tr>
<tr>
<td>• HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.</td>
</tr>
<tr>
<td>• Pre-installed AIR-TITE gasket.</td>
</tr>
<tr>
<td><strong>SLIDE-N-SIDE™ JUNCTION BOX</strong></td>
</tr>
<tr>
<td>• Seven 1/2˝ trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.</td>
</tr>
<tr>
<td>• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.</td>
</tr>
<tr>
<td>- Allows wiring connections to be made outside the junction box.</td>
</tr>
<tr>
<td>- Simply insert the cable directly into the trap after connections are made.</td>
</tr>
<tr>
<td>- Accommodates the following standard non-metallic sheathed cable sizes: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2</td>
</tr>
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</tr>
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<td>Three quick connect wiring connectors included.</td>
</tr>
<tr>
<td><strong>Got NAIL!™ Pass-N-Thru™ BAR HANGERS</strong></td>
</tr>
<tr>
<td>• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.</td>
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<tr>
<td>• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.</td>
</tr>
<tr>
<td>• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.</td>
</tr>
<tr>
<td>• Housing can be positioned at any point within 24˝ joist span.</td>
</tr>
<tr>
<td>• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.</td>
</tr>
<tr>
<td>• Score lines allow “toolless” shortening.</td>
</tr>
<tr>
<td>• Bar hangers may be repositioned 90°.</td>
</tr>
<tr>
<td>• Integral T-bar clip snaps onto T-bars - no additional clips required.</td>
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<tr>
<td><strong>TRANSFORMER</strong></td>
</tr>
<tr>
<td>Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for 50W max.</td>
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<tr>
<td><strong>SOCKET</strong></td>
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<tr>
<td>GU 5.3 socket for 12V MR16 lamps.</td>
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<tbody>
<tr>
<td>• UL/cUL Listed 1598 Luminaire</td>
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<td>• UL/cUL Damp Location Listed</td>
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<td>• UL/cUL Listed for Wet Location, covered ceiling - with select trims</td>
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<td>• UL/cUL Listed for Feed Through</td>
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<td>• UL/cUL listed for Direct Contact with insulation and combustible material</td>
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<tr>
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<tbody>
<tr>
<td>IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:</td>
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<tr>
<td>• Washington State Energy Code</td>
</tr>
<tr>
<td>• International Energy Conservation Code (IECC)</td>
</tr>
<tr>
<td>• New York State Energy Conservation Construction Code (NY-ECCC)</td>
</tr>
<tr>
<td>• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
3001
• Die cast trim ring with black oculus and machined metal baffle
• For concentrated accent lighting
• 15° tilt, 360° orientation within housing

Aperture: 1-5/8˝ [41mm]
Ceiling Opening: 3-3/4˝ [95mm]
Outside Diameter: 4-1/4˝ [108mm]

Adjustable Pinhole Baffle

3001WHBB
White with Black Baffle
3001BKBB
Black with Black Baffle
3001SNBB
Satin Nickel with Black Baffle

3001ACBB
Antique Copper with Black Baffle
3001TBZBB
Tuscan Bronze with Black Baffle

3002
• Die cast trim ring with black oculus and clear specular reflector
• For concentrated accent lighting
• 15° tilt, 360° orientation within housing

Aperture: 1-5/8˝ [41mm]
Ceiling Opening: 3-3/4˝ [95mm]
Outside Diameter: 4-1/4˝ [108mm]

Adjustable Pinhole Reflector

3002WHC
White with Clear Reflector
3002BKC
Black with Clear Reflector
3002SNC
Satin Nickel with Clear Reflector

3002ACC
Antique Copper with Clear Reflector
3002TBZC
Tuscan Bronze with Clear Reflector

3003
• Die cast trim ring with machined metal Coilex® baffle
• For general illumination
• 35° tilt, 360° orientation within housing

Lamp Aperture: 2˝ [51mm]
Baffle Diameter: 3˝ [75mm]
Ceiling Opening: 3-3/4˝ [95mm]
Outside Diameter: 4-1/4˝ [108mm]

Adjustable Coilex® Baffle

3003WHBB
White with Black Coilex® Baffle
3003WHWB
White with White Coilex® Baffle
3003BKBB
Black with Black Coilex® Baffle

3003SNB
Satin Nickel with Black Coilex® Baffle
3003ACB
Antique Copper with Black Coilex® Baffle
3003TBZB
Tuscan Bronze with Black Coilex® Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
3004
- Die cast trim ring with reflector
- For general illumination
- 35° tilt, 360° orientation within housing

Adjustable Reflector

<table>
<thead>
<tr>
<th>Trims</th>
<th>3004WHC</th>
<th>3004WHW</th>
<th>3004BKCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>White with Clear Specular Reflector</td>
<td>White with White Reflector</td>
<td>Black with Clear Specular Reflector</td>
</tr>
<tr>
<td>Reflector</td>
<td>Clear Specular</td>
<td>White</td>
<td>Clear Specular</td>
</tr>
<tr>
<td>Inside Diameter</td>
<td>3” (76mm)</td>
<td>3” (75mm)</td>
<td>3” (75mm)</td>
</tr>
<tr>
<td>Ceiling Opening</td>
<td>3-3/4” (95mm)</td>
<td>3-3/4” (95mm)</td>
<td>3-3/4” (95mm)</td>
</tr>
<tr>
<td>Outside Diameter</td>
<td>4-1/4” (108mm)</td>
<td>4-1/4” (108mm)</td>
<td>4-1/4” (108mm)</td>
</tr>
</tbody>
</table>

Lamp Aperture: 2” [51mm]
Reflector Diameter: 3” [75mm]
Ceiling Opening: 3-3/4” [95mm]
Outside Diameter: 4-1/4” [108mm]

3005
- Die cast trim ring
- Crossblade reflector provides a distinctive look for general lighting with a sharp cutoff to lamp
- 360° orientation within housing

Crossblade Reflector

<table>
<thead>
<tr>
<th>Trims</th>
<th>3005WHC</th>
<th>3005BKCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>White with Clear Crossblade</td>
<td>Black with Clear Crossblade</td>
</tr>
<tr>
<td>Reflector</td>
<td>Clear Crossblade</td>
<td>Clear Crossblade</td>
</tr>
<tr>
<td>Inside Diameter</td>
<td>3” (76mm)</td>
<td>3” (76mm)</td>
</tr>
<tr>
<td>Ceiling Opening</td>
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</tr>
<tr>
<td>Outside Diameter</td>
<td>4-1/4” (108mm)</td>
<td>4-1/4” (108mm)</td>
</tr>
</tbody>
</table>

Lamp Aperture: 2” [51mm]
Reflector Diameter: 3” [75mm]
Ceiling Opening: 3-3/4” [95mm]
Outside Diameter: 4-1/4” [108mm]

3006
- Die cast trim ring with metal black baffle
- For directional illumination
- 35° tilt, 360° orientation within housing

Adjustable Slot Aperture

<table>
<thead>
<tr>
<th>Trims</th>
<th>3006WHBB</th>
<th>3006BKBB</th>
<th>3006SNBB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>White with Black Baffle</td>
<td>Black with Black Baffle</td>
<td>Satin Nickel with Black Baffle</td>
</tr>
<tr>
<td>Reflector</td>
<td>Black</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Inside Diameter</td>
<td>1-1/4” x 2” [32mm x 51mm]</td>
<td>1-1/4” x 2” [32mm x 51mm]</td>
<td>1-1/4” x 2” [32mm x 51mm]</td>
</tr>
<tr>
<td>Ceiling Opening</td>
<td>3-3/4” [95mm]</td>
<td>3-3/4” [95mm]</td>
<td>3-3/4” [95mm]</td>
</tr>
<tr>
<td>Outside Diameter</td>
<td>4-1/4” [108mm]</td>
<td>4-1/4” [108mm]</td>
<td>4-1/4” [108mm]</td>
</tr>
</tbody>
</table>

Trim Aperture: 1-1/4” x 2” [32mm x 51mm]
Ceiling Opening: 3-3/4” [95mm]
Outside Diameter: 4-1/4” [108mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
3007

- Die cast trim ring: AC, TBZ models
- Non-conductive & non-corrosive polymer trim ring: WHC, PCC, SN models
- Regressed clear lens
- For general illumination
- Wet location listed for showers
- 15° tilt, 360° orientation within housing

Lamp Aperture: 2" [51mm]
Reflector Diameter: 3" [75mm]
Ceiling Opening: 3-3/4" [95mm]
Outside Diameter: 4-1/4" [108mm]

3008

- Non-conductive & non-corrosive polymer trim ring
- Clear specular reflector
- Glass lens with frosted perimeter
- Wet location listed for showers
- 360° orientation within housing

Trim Aperture: 2-9/16" [65mm]
Clear Center Diameter: 1-7/8" [48mm]
Ceiling Opening: 3-3/4" [95mm]
Outside Diameter: 4-1/4" [108mm]

3009

- Die cast trim ring with die cast gimbal
- For directional accent lighting
- 35° tilt, 15° negative tilt, 360° gimbal orientation and trim within housing

Baffle Aperture: 1-3/4" [45mm]
Baffle Diameter: 2" [51mm]
Gimbal Outside Diameter: 2-3/4" [70mm]
Ceiling Opening: 3-3/4" [95mm]
Outside Diameter: 4-1/4" [108mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### Halo 3˝ Recessed Downlighting Trims

#### 3010
- Die cast trim ring and adjustable lamp sleeve
- For directional accent lighting
- Integral nylon ball bearings and silicone guides protect finish
- 0-75° tilt, 360° orientation within housing
- Front-loading, turn-lock lamp access

**Baffle Aperture:** 1-3/4˝ [45mm]
**Adjustable Sleeve Diameter:** 2-3/8˝ [60mm]
**Ceiling Opening:** 3-3/4˝ [95mm]
**Outside Diameter:** 4-1/4˝ [108mm]

#### 3011
- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 350° integral lamp holder rotation with locking thumbscrew

**Lamp Aperture:** 1-7/8˝ [48mm]
**Baffle Width:** 2-1/4˝ [57mm]
**Ceiling Opening (round):** 3-3/4˝ [95mm]
**Outside Dimension:** 4-1/4˝ Square [108mm]

#### 3012
- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 360° integral lamp holder rotation with locking thumbscrew
- Wet location listed for showers

**Lamp Aperture:** 1-7/8˝ [48mm]
**Baffle Width:** 2-1/4˝ [57mm]
**Ceiling Opening (round):** 3-3/4˝ [95mm]
**Outside Dimension:** 4-1/4˝ Square [108mm]

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**3013**

- Die cast trim ring with die cast gimbal
- For accent and task lighting
- 35° positive tilt, 15° negative tilt, 360° orientation within housing
- Front-loading, snap-in lamp access face plate

Lamp Aperture: 1-3/4˝ [45mm]
Gimbal: 2-1/4˝ [57mm]
Ceiling Opening (round): 3-3/4˝ [95mm]
Outside Dimension: 4-1/4˝ Square [108mm]

**Square Adjustable Gimbal**

<table>
<thead>
<tr>
<th>3013WH</th>
<th>3013BK</th>
<th>3013SN</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Black</td>
<td>Satin Nickel</td>
</tr>
</tbody>
</table>

**3014**

- Die cast trim ring with glass cylinders
- For accent and task lighting
- 360° orientation within housing
- Two glass cylinders included (frost and blue)

Glass Aperture: 1-9/16˝ [40mm]
Glass Outside Diameter: 1-15/16˝ [49mm]
Outside Diameter: 4-1/4˝ [108mm]
Glass Length (from finished trim surface): 1-1/2˝ [38mm]

**Decorative Tapered Glass Cylinder**

<table>
<thead>
<tr>
<th>3014FBSC</th>
<th>3014FBWH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Chrome Trim with Frost Glass</td>
<td>White Trim with Frost Glass</td>
</tr>
</tbody>
</table>

**3016**

- Die cast construction and decorative glass elements
- For accent and task lighting
- 360° orientation within housing

Aperture: 1-5/8˝ [41mm]
Glass Profile (from trim ring): 1/2˝ [12mm]
Ceiling Opening: 3-3/4˝ [95mm]
Outside Diameter: 4-1/4˝ [108mm]

**Decorative Low-Profile Glass Curve**

<table>
<thead>
<tr>
<th>3016FG</th>
<th>3016BG</th>
<th>3016AG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frost Glass Curve</td>
<td>Blue Glass Curve</td>
<td>Amber Glass Curve</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>120V GU10 50W</th>
<th>12V MR16 50W</th>
<th>12V MR16 37W</th>
</tr>
</thead>
<tbody>
<tr>
<td>H36TAT, H36RTAT, H36ICAT, H38ICAT</td>
<td>H36LVTAT, H36LVTATCP, H36LVRTAT, H36LVTAT277, H36LVRTAT277, H36LVICAT</td>
<td>H38LVICAT</td>
</tr>
<tr>
<td>H36TAT, H36RTAT, H36ICAT, H38ICAT</td>
<td>H36LVTAT, H36LVTATCP, H36LVRTAT, H36LVTAT277, H36LVRTAT277, H36LVICAT</td>
<td>H38LVICAT</td>
</tr>
</tbody>
</table>
3017
- Die cast construction and decorative glass elements
- Frost glass perimeter with clear glass center
- Wet location listed for showers

Aperture: 1-1/2’’ [39mm]
Glass Profile (from trim ring): 1/2’’ [13mm]
Ceiling Opening: 3-3/4’’ [95mm]
Outside Diameter: 4-1/4’’ [108mm]

3018
- Die cast trim ring with decorative glass
- For accent and task lighting
- 360° orientation within housing

Aperture: 2’’ [51mm]
Drop Glass Stand-off: 7/8’’ [22mm]
Drop Glass Width: 3-1/2’’ [89mm] x 3-1/2’’ [89mm]
Ceiling Opening (round): 3-3/4’’ [95mm]
Outside Dimension: 4-1/4’’ [108mm]

3019
- Die cast trim ring with decorative glass
- For accent and task lighting
- 360° orientation within housing

Aperture: 2’’ [51mm]
Drop Glass Stand-off: 7/8’’ [22mm]
Drop Glass Diameter: 3-7/8’’ [99mm]
Ceiling Opening (round): 3-3/4’’ [95mm]
Outside Diameter: 4-1/4’’ [108mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
3020 WW
Wall Wash Downlight with White Trim Ring

Aperture: 1-9/16" [40mm]
Ceiling Opening: 3-3/4" [95mm]
Outside Diameter: 4-1/4" [108mm]

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<th>12V MR16 37W</th>
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<td>H36LVAT, H36LVATCP, H36LVRTAT, H36LVRTAT277, H36LVRTAT277, H36LVICAT</td>
<td>H38LVICAT</td>
</tr>
</tbody>
</table>
H456ICAT120D
4’ Aperture Shallow Ceiling, New Construction, ICAT
High Efficacy LED Housing, Dimmable

H456ICAT120D is an insulated ceiling, AIR-TITE™ housing offering 120 volt dimming capability with many incandescent or electronic low voltage dimmers. Designed for use with EL4 series LED Light Engines and TL4 LED Series Trims, the H456ICAT120D offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

FEATURES

HOUSING
• Box enclosure of formed aluminum construction.
• Openings are gasketed for AIR-TITE installation.
• Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

PLASTER FRAME
• Galvanized steel die-formed construction.
• The housing can be removed from plaster frame to provide access to the junction box.
• Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “toeless” shortening for 12” joists.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SLIDE-N-SIDE™ JUNCTION BOX
• Positioned to accommodate straight conduit runs
• Seven 1/2” trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.

• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
• Allows wiring connections to be made outside the junction box.
• Simply insert the cable directly into the trap after connections are made.
• Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

LED CONNECTION
• LED connector is a non-screw base connector offering easy installation with the EL4 Series LED Light Engine.
• LED connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficiency luminaire.

LED DRIVER
• LED dimmable driver mounts internally to the housing.
• Driver is a120 Volt, high efficiency, electronic power supply providing low voltage power to EL Series LED Light Engines.
• Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
• Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
• Driver is specifically designed for compatibility with EL4 LED Light Engines, and operate in conjunction with the LED 50,000 hour / 70% lumen maintenance standard.
• If dimming is not required the fixture can be operated from a standard wall switch.

 Dimming
• The HALO H4 LED luminaire is dimmable to 15% with standard 120V electronic low voltage dimmers (recommended), incandescent or magnetic low voltage dimmers; and dims to 5% using dimmers with low end trim adjustment.
• Standard incandescent dimmers require a minimum load of typically over 40 watts on the circuit for full range dimming performance (four LED modules).
• For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
• Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trim
• UL/cUL listed for Feed Through
• UL/cUL listed for Direct Contact with insulation and combustible material

COMPLIANCE
• Use with designated LED light engines and trims for ENERGY STAR® qualification.
• Can be used for State of California Title 24 high efficiency compliance with designated LED light engines and trims.
• Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED light engines and trims.
• Refer to specification sheets online for compliance information.

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Code (NY-IECC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H455RICAT120D

4” Aperture, Remodel, ICAT
High Efficacy LED Housing, Dimmable

H455RICAT120D is an insulated ceiling, AIR-TITE™, remodel housing offering 120 volt dimming capability with electronic low voltage and many incandescent dimmers. Designed for use with EL4 series LED Light Engines, the H455RICAT120D offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

FEATURES

HOUSING
Single wall formed aluminum construction.
Openings are gasketed for AIR-TITE installation.
51/2” height allows use in 2” x 6 joist construction.
AIR-TITE aperture gasket is pre-installed.

REMODEL ARM
• Spring steel construction designed for ease of installation and ceiling support of LED driver.

REMODEL SPRINGS
• Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

SLIDE-N-SIDETM JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non metallic sheathed cables to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

LED DRIVER
• LED dimmable driver mounts to the housing junction box.
• Driver is a 120 Volt, high efficiency, electronic power supply providing low voltage power to EL Series LED Light Engines.
• Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
• Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
• Driver is specifically designed for compatibility with EL4 LED Light Engines, and operate in conjunction with the LED 50,000 hour / 70% lumen maintenance performance design.
• If dimming is not required the fixture can be operated from a standard wall switch.

DIMMING
• The HALO H4 LED luminaire is dimmable to 15% with standard 120 Volt electronic low voltage dimmers (recommended), incandescent or magnetic low voltage dimmers; and dims to 5% using dimmers with low end trim adjustment.
• Standard incandescent dimmers require a minimum load of typically over 40 watts on the circuit for full range dimming performance (four LED modules).
• For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
• Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL listed for Direct Contact with insulation and combustible material

COMPLIANCE
• Use with designated LED light engines and trims for ENERGY STAR® qualification in residential (IC) insulated ceiling and commercial (Non-IC) non-insulated ceiling applications.
• Can be used for State of California Title 24 high efficacy compliance with designated LED Light Engines and trims.
• Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Light Engines and trims.
• Refer to specification sheets online for compliance information.

QUALIFICATION
IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H455TUNVD010

4” Aperture, New Construction, Non-IC
High Efficacy LED Housing, Dimmable when used with 0-10V DC Controls

H455TUNVD010 is a Non-IC, AIR-TITE™ universal voltage 120V-277V housing designed for non-insulated ceiling installations, and offers dimming capability with 0-10V DC control systems. Designed for use with EL4 series LED Light Engines, the H455TUNVD010 offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
• Single wall die-formed construction.
• Openings are gasketed for AIR-TITE installation.

PLASTER FRAME
• Galvanized steel die-formed construction.
• Plaster frame designed with removable bar hangers for installation in new construction.
• HALO identity embossed on plaster frame.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “toeless” shortening for 12” joists.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SLIDE-N-SIDE™ JUNCTION BOX
• Separate compartment for 0-10V DC low voltage dimming connections
• Positioned to accommodate straight conduit runs
• Seven 1/2” trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

LED CONNECTION
• LED connector is a non-screw base connector offering easy installation with the EL4 Series LED Light Engine.
• LED connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficacy luminaire.

LED DRIVER
• LED dimmable driver mounts to the housing junction box.
• Driver is a 120V-277V Universal Voltage, high efficiency, electronic power supply providing low voltage power to EL4 Series LED Light Engines.
• Driver meets FCC EMR/RFI Consumer Level limits for use in residential and commercial installations.
• Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
• Driver is specifically designed for compatibility with EL4 LED Light Engines, and operate in conjunction with the LED 50,000 hour / 70% lumen maintenance standard.
• If dimming is not required the fixture can be operated from a standard wall switch.

DIMMING
• May be dimmable with 0-10V DC low voltage dimmers.
• 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
• Switching on/off is controlled via the line voltage (120V AC or 277V AC) power; and dimming operation is controlled with the 2-wire 0-10V DC low voltage wiring connection between the dimmer and the LED driver.
• Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL Listed for feed through

COMPLIANCE
• Use with designated LED light engines and trims for ENERGY STAR® qualification.
• Can be used for State of California Title 24 high efficacy compliance with designated LED light engines and trims.
• Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED light engines and trims.
• Washington State Energy Code – AIR-TITE compliant
• New York State Energy Conservation Construction Code - AIR-TITE compliant
• Certified Under ASTM-E283 standard for air tight construction
• Refer to specification sheets online for compliance information.

VISIT www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H455RTUNVD010

4" Aperture, Remodel, Non-IC
High Efficacy LED Housing, Dimmable when used with 0-10V DC controls

H455RTUNVD010 is a Non-IC, AIR-TITE™ universal voltage 120V-277V remodel housing designed for non-insulated ceiling installations, and offers dimming capability with 0-10V DC control systems. Designed for use with EL4 series LED Light Engines, the H455RTUNVD010 offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Single wall formed aluminum construction. Openings are gasketed for AIR-TITE installation. AIR-TITE aperture gasket is pre-installed.

REMODEL ARM
• Spring steel construction designed for ease of installation and ceiling support of LED driver.

REMODEL SPRINGS
• Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

SLIDE-N-SIDE™ JUNCTION BOX
• Separate compartment for 0-10V DC low voltage dimming connections
• Seven 1/2” trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps non metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
• Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

LED CONNECTION
• LED connector is a non-screw base connector offering easy installation with the EL4 Series LED Light Engine.
• LED connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficacy luminaire.

LED DRIVER
• LED dimmable driver mounts to the housing junction box.
• Driver is a 120V-277V Universal Voltage, high efficiency, electronic power supply providing low voltage power to EL4 Series LED Light Engines.
• Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
• Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
• Driver is specifically designed for compatibility with EL4 LED Light Engines, and operate in conjunction with the LED 50,000 hour / 70% lumen maintenance performance design.
• If dimming is not required the fixture can be operated from a standard wall switch.

DIMMING
• May be dimmable with 0-10V DC low voltage dimmers.
• 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
• Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming operation is controlled with the 2-wire 0-10V DC low voltage wiring connection between the dimmer and the LED driver.
• Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trims

COMPLIANCE
• Use with designated LED light engines and trims for ENERGY STAR® qualification in residential (IC) insulated ceiling and commercial (Non-IC) non-insulated ceiling applications.
• Can be used for State of California Title 24 high efficacy compliance with designated LED Light Engines and trims.
• Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Light Engines and trims.
• Washington State Energy Code – AIR-TITE compliant
• New York State Energy Conservation Construction Code - AIR-TITE compliant
• Certified Under ASTM-E283 standard for air tight construction.
• Refer to specification sheets online for compliance information.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H455TCPUNVD010

4" Aperture, New Construction, Non-IC, Chicago Plenum rated
High Efficacy LED Housing, Dimmable when used with 0-10V DC Controls

H455TCPUNVD010 is a Non-IC, AIR-TITE™ universal voltage 120V-277V housing designed for non-insulated Chicago Plenum rated ceilings, and offers dimming capability with 0-10V DC control systems. Designed for use with EL4 series LED Light Engines, the H455TCPUNVD010 offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
- Single wall die-formed construction.
- Openings are gasketed for AIR-TITE installation (in Non-IC ceilings).

PLASTER FRAME
- Galvanized steel die-formed construction.
- Plaster frame designed with removable bar hangers for installation in new construction.
- HALO identity embossed on plaster frame.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "toless" shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SLIDE-N-SIDE™ JUNCTION BOX
- Separate compartment for 0-10V DC low voltage dimming connections
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Gasketed junction box per Chicago Plenum standards
- Slide-N-Side™ connectors allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

LED CONNECTION
- LED connector is a non-screw base connector offering easy installation with the EL4 Series LED Light Engine.
- LED connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficacy luminaire.
- Sealed flex connection from junction box to housing for Chicago Plenum rating.

LED DRIVER
- LED dimmable driver mounts to the housing junction box.
- Driver is a 120V-277V Universal Voltage, high efficiency, electronic power supply providing low voltage power to EL4 Series LED Light Engines.
- Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
- Driver is specifically designed for compatibility with EL4 LED Light Engines, and operate in conjunction with the LED 50,000 hour / 70% lumen maintenance standard.
- If dimming is not required the fixture can be operated from a standard wall switch.

DIMMING
- May be dimmable with 0-10V DC low voltage dimmers.
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming operation is controlled with the 2-wire 0-10V DC low voltage wiring connection between the dimmer and the LED driver.
- Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- Meets Chicago Plenum requirements

COMPLIANCE
- Use with designated LED light engines and trims for ENERGY STAR® qualification in residential (IC) insulated ceiling and commercial (Non-IC) non-insulated ceiling applications.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Light Engines and trims.
- Washington State Energy Code - AIR-TITE compliant
- New York State Energy Conservation Construction Code - AIR-TITE compliant
- Certified Under ASTM-E283 standard for air tight construction.
- Refer to specification sheets online for compliance information.
EL405827, EL405830, EL405835, EL405840

H4 LED Light Engine
Available in 2700°K, 3000°K, 3500°K and 4000°K Correlated Color Temperatures

The Halo LED EL4058xx Light Engines are designed for use in the LED dedicated housing Series H455x. Halo LED H4 Series light engines deliver in the range of 534-700 lumens (depending upon the trim and selected color temperature); and the H4 Series offers a selection of four color temperatures: 2700K, 3000K, 3500K, 4000K. Halo LED offers a superior optical design that yields productive beam lumens, good cutoff and low glare.

FEATURES

MECHANICAL

(A) Upper Heat Sink
- Durable extruded aluminum construction.
- Conducts heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

(B) Lower Heat Sink
- Durable die-cast aluminum construction.
- Precision keyed flange designed to lock with matching keyed slots in H4 trim rings.
- Works in conjunction with the upper heat sink for heat conduction away from the LED

FRICITION BLADES
- Precision formed stainless steel spring blades provide retention of the EL series of light engines in the H455 series housings.
- Friction blade design allows the light engine to be installed in any position within the housing aperture (360 degrees).
- Tether security cable included on the light engine for attachment to the housing during installation, as recommended and when required by code.

LED CONNECTION
- LED connector is a non-screw base connector offering easy installation with the H455/H456 Series housings.
- LED connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficacy luminaire.

COLOR SPECIFICATION & QUALITY STANDARDS
- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED
- Halo LED chromaticity specification exceeds ENERGY STAR® SSL color standards (as per ANSI C78.377-2008).
- Every Halo LED Module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT
- Halo LED’s serialized testing and measurement process further ensures color and lumen consistency to meet stringent Cooper Lighting specifications and exceed ENERGY STAR® SSL standards
- Halo LED Modules and light engines include color designation in the model number
- Example: EL405827 8 27
  2700K nominal CCT
  > 80 CRI

QUALIFICATION
- 534 - 700 lumens (depending upon color temperature and trim selected)
- Halo LED offers the widest choice of four correlated color temperatures in recessed LED downlighting: 2700°K, 3000°K, 3500°K, 4000°K
- 80 CRI
- Lumen Maintenance 70% lumens / 50,000 hours
- Up to 50 Lumens per Watt
- LED package consisting of an engineered conglomeration of multiple LEDs to create one virtual source, for a productive “cone of light”
- Designed for interchangeable trim choices, with selection from multiple reflector and lens trim options
- H4 LED Light Engines exceed ENERGY STAR® Qualification when used with designated LED trims
- Can be used to meet State of California Title 24 and International Energy Conservation Code – IECC High Efficacy requirements when used with designated LED trims
- LED emits no ultraviolet and only minimal infrared wavelengths
- ROHS compliant

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**TL400**
- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim gasket provides AIR-TITE™ seal

Aperture: 3-3/8" [86mm]
Outside Diameter: 5-1/64" [129mm]
Trim Height: 1-11/16" [43mm]

**TL401**
- Precision formed aluminum baffle
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim gasket provides AIR-TITE™ seal

Aperture: 3-3/8" [86mm]
Outside Diameter: 5-1/64" [129mm]
Trim Height: 1-11/16" [43mm]

**TL402**
- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim gasket provides AIR-TITE™ seal
- Solite® lensed trims offer high-clarity glass lenses for high-lumen transmission and diffusion of source brightness
- Solite® lensed models are Wet location / shower listed
- Solite® lensed white reflector model offers ANTIMICROBIAL paint finish - standard

Aperture: 3-3/8" [86mm]
Outside Diameter: 5-1/64" [129mm]
Trim Height: 1-11/16" [43mm]
Solite® Regressed Lens Baffle

- Precision formed aluminum baffle
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim gasket provides AIR-TITE™ seal
- Solite® lensed trims offer high-clarity glass lenses for high-lumen transmission and diffusion of source brightness
- Solite® lensed models are Wet location / shower listed
- Solite® lensed white baffle model offers ANTIMICROBIAL paint finish - standard

TL403

TL403WBS
White Baffle with Solite® Lens, White Trim Ring, Antimicrobial finish

TL403BBS
Black Baffle with Solite® Lens, White Trim Ring

TRM400 Designer Trim Rings

- Optional accessory
- Replaces standard ring included with each trim
- Die cast trim ring
- Thin Profile provides subtle ceiling appearance (0.120” at OD and 0.180” at ID)

TRM400PC
Polished Chrome

TRM400BK
Black

TRM400WH
White

TRM400SN
Satin Nickel

TRM400TBZ
Tuscan Bronze

Aperture: 3-3/8˝ [86mm]
Outside Diameter: 5-1/64˝ [129mm]
Trim Height: 1-11/16˝ [43mm]

Inside Diameter: 3-3/8˝ [86mm]
Outside Diameter: 5-1/8˝ [130mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H99TAT

4" Aperture, Shallow Ceiling, Non-IC/AT Incandescent

The H99TAT is a small aperture Non-IC AIR-TITE™ housing for providing accent and task lighting. The H99T is designed for use in non-insulated ceiling or for insulated ceilings but insulation MUST be kept 3” from all sides of the housing.

Non-IC Housing is AIR-TITE™ but Insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

PLASTER FRAME
Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box.

Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
• Positioned to accommodate straight conduit runs
• Four 1/2" trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.

• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24" joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “toolless” shortening for 12” joists.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL Listed for Feed Through
• Certified Under ASTM-E283 for air tight construction
• IP rated (Improper Lamp)
H99RTAT
4” Aperture, Shallow Ceiling, Remodel, Non-IC/AT Incandescent

The H99RTAT is a small aperture Non-IC AIR-TITE™ housing for providing accent and task lighting. The H99RTAT is designed for use in non-insulated existing ceilings. Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing. For installation from below the ceiling.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

REMODEL CLIPS
• Four remodel clips secure housing and accommodates 1/2” and 5/8” ceiling materials.

JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots.
• Four pryouts with integral strain relief for non-metallic sheathed cable.

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

SOCKET
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• Certified Under ASTM-E283 for air tight construction
• IP rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H99ICAT**

4” Aperture, Shallow Ceiling, ICAT Incandescent

The H99ICAT is a small aperture IC AIR-TITE™ housing for accent and task lighting. It is designed for use in insulated ceilings where it will be in direct contact with insulation. It is an AIR-TITE™ housing designed to prevent air flow between living spaces and unconditioned areas.

**FEATURES**

**HOUSING**
- Outer Housing: Aluminum construction helps dissipate heat.
- Inner Housing: Double wall aluminum construction helps dissipate heat. The inner housing can be adjusted in the plaster frame to compensate for different ceiling materials.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Galvanized steel die-formed construction.
- The inner housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning and ease of installation.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- UL/cUL listed for Direct Contact with insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**HALO**

**4˝ Recessed Downlighting Trims**

**999**
- Die cast trim ring with metal reflector
- For general lighting

<table>
<thead>
<tr>
<th>Trim</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>H99TAT</td>
<td>40W R16, 50W R20, 50W PAR20</td>
</tr>
<tr>
<td>H99RTAT</td>
<td></td>
</tr>
<tr>
<td>H99ICAT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 2-5/8˝ [67mm]
Outside Diameter: 5-1/16˝ [129mm]

**999MB**
White Trim with Specular Black Reflector

**999RG**
White Trim with Residential Gold Reflector

**999P**
White Trim with Specular Clear Reflector

**999W**
White Trim with White Reflector

**999H**
White Trim with Haze Reflector

**999SN**
Satin Nickel Trim with Satin Nickel Reflector

**999AC**
Antique Copper Trim with Antique Copper Reflector

**999TBZ**
Tuscan Bronze Trim with Tuscan Bronze Reflector

**993**
- Die cast trim ring with Coilex® precision baffle
- For general lighting

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<tr>
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<tr>
<td>H99RTAT</td>
<td></td>
</tr>
<tr>
<td>H99ICAT</td>
<td></td>
</tr>
</tbody>
</table>

Accessory
H1999
Socket Extender

Height: 2-15/32˝ [63mm]
Outside Diameter: 5-1/16˝ [129mm]

**993PB**
Polished Brass Trim with Black Baffle

**993W**
White Trim with White Baffle

**993P**
White Trim with Black Baffle

**993SN**
Satin Nickel Trim with Black Baffle

**993AC**
Antique Copper Trim with Black Baffle

**993TBZ**
Tuscan Bronze Trim with Black Baffle

**953**
- Die cast trim ring with metal baffle
- For general illumination

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<tr>
<td>H99TAT</td>
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<tr>
<td>H99RTAT</td>
<td></td>
</tr>
<tr>
<td>H99ICAT</td>
<td></td>
</tr>
</tbody>
</table>

Accessory
H1999
Socket Extender

Height: 2-15/32˝ [63mm]
Outside Diameter: 5-1/16˝ [129mm]

**953W**
White Trim with White Baffle

**953P**
White Trim with Black Baffle

**953SN**
Satin Nickel Trim with Satin Nickel Baffle

**953AC**
Antique Copper Trim with Antique Copper Baffle

**953TBZ**
Tuscan Bronze Trim with Tuscan Bronze Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Adjustable Eyeball - 15° Tilt

996
- Adjustable Eyeball for use with PAR20 Lamps
- 15° tilt, 360° rotation
- Die cast trim ring

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H99TAT</td>
<td>50W PAR20</td>
</tr>
<tr>
<td>H99ICAT</td>
<td>50W PAR20</td>
</tr>
</tbody>
</table>

Height: 3-15/32" [88mm]
Aperture: 3-11/16" [94mm]
Outside Diameter: 5-1/16" [129mm]

Adjustable Eyeball - 30° Tilt

998
- Adjustable Eyeball for PAR16 and R16 lamps
- Die cast trim ring
- 30° tilt, 360° rotation

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>H99TAT</td>
<td>40W R16, 60W PAR16</td>
</tr>
<tr>
<td>H99ICAT</td>
<td>40W R16</td>
</tr>
</tbody>
</table>

Height: 3-1/4 [83mm]
Aperture: 2-3/16" [56mm]
Outside Diameter: 5-1/16" [129mm]

Metropolitan Ice Lite

945
- Frosted Glass Trim in Natural or Blue
- For general lighting

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H99TAT</td>
<td>50W PAR20, 50W R20</td>
</tr>
<tr>
<td>H99ICAT</td>
<td>30W R20</td>
</tr>
</tbody>
</table>

Height: 2-1/8" [54mm]
Outside Diameter: 5-5/16" [135mm]

Metropolitan Deco

946
- Polished metallic accents with Translucent Rings
- For general lighting

<table>
<thead>
<tr>
<th>Part Number</th>
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</tr>
</thead>
<tbody>
<tr>
<td>H99TAT</td>
<td>50W PAR20, 50W R20</td>
</tr>
<tr>
<td>H99ICAT</td>
<td>30W R20</td>
</tr>
</tbody>
</table>

Height: 1-5/8" [41mm]
Outside Diameter: 5-5/8" [143mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**Halo® 4˝ Recessed Downlighting Trims**

### Pinhole Trim
- Die Cast Trim
- Pinhole Trim for Accent Lighting
- H99TAT 40W A19, 40W R16, 50W PAR20, 50W R20

**990P White Pinhole Trim**
**990SN Satin Nickel Pinhole Trim**
**990AC Antique Copper Pinhole Trim**

Height: 1-3/4˝ [44mm]  
Outside Diameter: 5-1/16˝ [129mm]

### Wall Wash with Baffle
- Eyelid Wall Wash
- Die cast trim ring
- Coilex® Baffle
- 360° rotation in housing allows trim to be aimed at wall
- H99TAT 40W R16, 40W A19, 50W PAR20
- H99RTAT 40W R16, 40W A19, 50W R20, 50W PAR20

**992W White Trim and Eyelid, White Baffle**
**992P White Trim and Eyelid, Black Baffle**
**992SN Satin Nickel Trim and Eyelid, Satin Nickel Baffle**
**992AC Antique Copper Trim and Eyelid, Antique Copper Baffle**
**992TBZ Tuscan Bronze Trim and Eyelid, Tuscan Bronze Baffle**

Height: 1-1/4˝ [32mm]  
Outside Diameter: 5-1/16˝ [129mm]

### Shower Light
- Wet location Listed for use as shower light
- Non-conductive, non-corrosive polymer trim
- Prismatic glass lens
- Full reflector for even light distribution
- H99TAT 40W A19, 50W PAR20, 50W R20
- H99RTAT 30W R20, 35W PAR20
- H99ICAT 50W PAR20 with H1999 Socket Extender

**951PS White Trim with Full Reflector and Glass Lens**
**951SNS Satin Nickel Trim with Full Reflector and Glass Lens**
**951ACS Antique Copper Trim with Full Reflector and Glass Lens**

Accessory
**H1999 Socket Extender**

Height: 4-15/32˝ [114mm]  
Outside Diameter: 5-1/16˝ [129mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**Frosted Dome Lens Shower Light**

- Prismatic glass lens
- Wet location listed shower light
- Non-conductive, non-corrosive polymer trim ring

<table>
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<td>H999</td>
</tr>
</tbody>
</table>

**Height:** 2-19/32” [66mm]

**Outside Diameter:** 5-1/16” [129mm]

---

**955**

- Frosted glass dome shower light
- Wet location listed shower light
- Non-conductive, non-corrosive polymer trim ring

<table>
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</table>

**Height:** 4-15/32” [114mm]

**Outside Diameter:** 5-1/16” [129mm]

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**ER413**

- Die cast trim ring with metal baffle
- For general illumination

<table>
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</tbody>
</table>

**Height:** 2-21/32” [67mm]

**Outside Diameter:** 5-1/16” [129mm]
HALO®

4˝ Recessed Downlighting

H1499ICAT

4˝ Aperture, New Construction, ICAT
12V Low Voltage, MR16

An H1499ICAT family housing with an integral low voltage transformer that supplies 12 volts to MR16 lamps. The H1499ICAT is for installations where the housing will be in direct contact with insulation. The H1499ICAT AIR-TITE™ housing also meets restricted air flow requirements.

FEATURES

HOUSING
- Double wall aluminum construction for greater heat dissipation.
- Gasketed to prevent airflow from heated or air conditioned spaces.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

PLASTER FRAME
Galvanized steel construction. The inner housing can be removed from plaster frame to provide access to the junction box.
Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  (US) #14/2, #14/3, #12/2, #12/3
  (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
GU5.3 socket with reflector plate for bi-pin 12V MR-16 lamps.

TRANSFORMER
Integral 120V magnetic transformer steps line voltage down to lamp operating voltage.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- UL/cUL listed for Direct Contact with insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H1499TAT

4” Aperture, Shallow Ceiling, New Construction, Non-IC/AT
12V Low Voltage, MR16

The H1499TAT is a small aperture low voltage Non-IC AIR-TITE™ housing for providing accent and task lighting. The H1499TAT is designed for use in non-insulated ceilings. Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

PLASTER FRAME
Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box. Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
- Positioned to accommodate straight conduit runs
- Four 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
GU5.3 socket with reflector plate for bi-pin 12V MR-16 lamps.

TRANSFORMER
Integral 120V magnetic transformer steps line voltage down to lamp operating voltage. For lamps up to 50W.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL listed for Feed Through
- Certified Under ASTM-E283 for air tight construction
- IP rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**FEATURES**

**HOUSING**
Formed of CRS with white powder coat finish.

**PLASTER FRAME**
Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box. Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

**JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Six 1/2" trade size conduit knockouts
- Gasketed junction box per Chicago Plenum standards

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
GU5.3 socket with reflector plate for bi-pin 12V MR-16 lamps.

**TRANSFORMER**
Integral 120V/277V dual-tap magnetic transformer steps line voltage down to lamp operating voltage.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- Meets Chicago Plenum requirements

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**H1499TCP**

**4” Aperture, New Construction, Non-IC, Chicago Plenum rated, 120V/277V 12V Low Voltage, MR16**

H1499TCP is a Non-IC housing designed for non-insulated Chicago Plenum rated ceilings. H1499TCP features an integral low voltage dual-tap 120V/277V transformer that supplies 12 volts to MR16 lamps. H1499TCP is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.
H1499RTAT

4” Aperture, Shallow Ceiling, Remodel, Non-IC/AT
12V Low Voltage, MR16

The H1499RTAT is a small aperture Non-IC AIR-TITE™ remodel housing for providing accent and task lighting. The H1499RTAT is designed for use in non-insulated existing ceilings. Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing. For installation from below the ceiling.

**FEATURES**

**HOUSING**
Formed as CRS with white powder coat finish.

**REMODEL CLIPS**
- Four remodel clips secure housing and accommodates 1/2” and 5/8” ceiling materials.

**JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots.
- Four pryoits with integral strain relief for non-metallic sheathed cable.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**SOCKET**
GU 5.3 socket with reflector for bi-pin 12V MR16 lamps.

**TRANSFORMER**
Integral 120V magnetic transformer steps line voltage down to lamp operating voltage.

**SUPPORT SPRING**
Support spring helps support weight of junction box and transformer. Automatically adjusts for different ceiling materials.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

**LABELS**
- UL/cUL Listed 1598 Luminare
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H1499T75

4" Aperture, Shallow Ceiling, New Construction, Non-IC, 120V/277V
12V Low Voltage, MR16

The H1499T75 is a small aperture low voltage housing for providing accent and task lighting with up to 75W 12V MR16 lamps. The H1499T75 is designed for use in non-insulated ceilings. The H1499T75 features a dual-tap transformer for 120V or 277V input. H1499T75 is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.

FEATURES

HOUSING
Formed of CRS with white powder coat finish.

PLASTER FRAME
Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box.
Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

JUNCTION BOX
- Seven 1/2" trade size conduit knockouts with true pry-out slots and four NM cable pry-out slots with integral strain relief.

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

TRANSFORMER
Integral 120V / 277V dual tap magnetic transformer steps line voltage down to lamp operating voltage.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
1421
- Die cast trim ring with reflector cone
- Provides General Illumination
- 35° Tilt

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1499TAT</td>
<td>50W 12V MR16</td>
</tr>
<tr>
<td>H1499RTAT</td>
<td></td>
</tr>
<tr>
<td>H1499ICAT</td>
<td></td>
</tr>
<tr>
<td>H1499T75</td>
<td>75W 12V MR16</td>
</tr>
</tbody>
</table>

Height: 1-5/16" [33mm]
Outside Diameter: 5-1/16" [129mm]

1493
- Die cast trim ring
- Coilex® Baffle
- For general lighting
- 35° Tilt

<table>
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<tbody>
<tr>
<td>H1499TAT</td>
<td>50W 12V MR16</td>
</tr>
<tr>
<td>H1499RTAT</td>
<td></td>
</tr>
<tr>
<td>H1499ICAT</td>
<td></td>
</tr>
<tr>
<td>H1499T75</td>
<td>75W 12V MR16</td>
</tr>
</tbody>
</table>

Height: 1-9/32" [33mm]
Outside Diameter: 5-1/16" [129mm]

1453
- Die cast trim ring with matching finish metal
- For general lighting
- 35° Tilt

<table>
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<tbody>
<tr>
<td>H1499TAT</td>
<td>50W 12V MR16</td>
</tr>
<tr>
<td>H1499RTAT</td>
<td></td>
</tr>
<tr>
<td>H1499ICAT</td>
<td></td>
</tr>
<tr>
<td>H1499T75</td>
<td>75W 12V MR16</td>
</tr>
</tbody>
</table>

Height: 1-3/16" [30mm]
Outside Diameter: 5-1/16" [129mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
1419
- 1-7/8” Pinhole opening
- Die cast trim ring with metal baffle
- For concentrated accent lighting

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1499TAT</td>
<td>50W 12V MR16</td>
<td></td>
</tr>
<tr>
<td>H1499RTAT</td>
<td>50W 12V MR16</td>
<td></td>
</tr>
<tr>
<td>H1499ICAT</td>
<td>75W 12V MR16</td>
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</tr>
<tr>
<td>H1499T75</td>
<td>75W 12V MR16</td>
<td></td>
</tr>
</tbody>
</table>

Height: 1-5/16” [33mm]
Aperture: 1-13/16” [46mm]
Outside Diameter: 5-1/16” [129mm]

Pinhole Baffle

1419W White Trim with White Baffle
1419P White Trim with Black Baffle
1419SN Satin Nickel Trim with Black Baffle
1419AC Antique Copper Trim with Black Baffle
1419TBZ Tuscan Bronze Trim with Black Baffle

1420
- Die cast trim ring with slot aperture
- For directional accent lighting
- 35° tilt, 360° rotation

<table>
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<th>Voltage</th>
</tr>
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<tbody>
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Height: 1-1/4” [32mm]
Aperture: 2-1/8” x 1-3/8” [53mm x 35mm]
Outside Diameter: 5-1/16” [129mm]

Adjustable Slot Aperture - 35° Tilt

1420P White Trim
1420SN Satin Nickel Trim
1420AC Antique Copper Trim
1420TBZ Tuscan Bronze Trim

1495
- Die cast trim ring and gimbal
- For directional accent lighting
- 30° tilt, 360° rotation

<table>
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<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Voltage</th>
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<tbody>
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<td>H1499T75</td>
<td>75W 12V MR16</td>
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</table>

Height: 1-3/16” [30mm]
Aperture: 1-3/4” [44mm]
Outside Diameter: 5-1/16” [129mm]

Adjustable Gimbal - 30° Tilt

1495 White Trim and White Gimbal
1495SN Satin Nickel Trim with Satin Nickel Gimbal
1495AC Antique Copper Trim with Antique Copper Gimbal
1495TBZ Tuscan Bronze Trim with Tuscan Bronze Gimbal

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
1496

- Die cast trim ring with matching finish retractable elbow
- For directional accent lighting
- 60° tilt, 360° rotation

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<tr>
<td>H1499RTAT</td>
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</tbody>
</table>

Retractable Elbow - 60° Tilt

1496P
White Trim with White Elbow

1496SN
Satin Nickel Trim with Satin Nickel Elbow

1496AC
Antique Copper Trim with Antique Copper Elbow

Height: 1-5/32” [28mm]
Aperture: 1-3/4” [44mm]
Outside Diameter: 5-1/16” [129mm]

1497

- Die cast trim ring with 90° adjustable scoop
- For directional accent lighting—ideal for wall wash applications
- 90° tilt, 360° rotation

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<tr>
<td>H1499RTAT</td>
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</table>

Adjustable Mirror Trim - 90° Tilt

1497
White Trim with White Scoop

1498

- Die cast trim ring with matching finish eyeball
- For directional accent lighting
- 30° tilt, 360° rotation

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Adjustable Eyeball with Baffle - 30° Tilt

1498W
White Trim and Eyeball with White Baffle

1498P
White Trim and Eyeball with Black Baffle

1498PB
Polished Brass Trim and Eyeball with Black Baffle

1498BC
Black Chrome Trim and Eyeball with Black Baffle

1498SN
Satin Nickel Trim and Eyeball with Black Baffle

1498AC
Antique Copper Trim and Eyeball with Black Baffle

1498TBZ
Tuscan Bronze Trim and Eyeball with Black Baffle

Height: 2-5/8” [67mm]
Aperture: 2” [51mm]
Outside Diameter: 5-1/16” [129mm]
1945
- Frosted glass trim in clear or blue
- For general illumination

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<tr>
<td>H1499ICAT</td>
<td>42W 12V MR16</td>
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</table>

Metropolitan Ice Lite

Height: 3-1/8” [79mm]
Outside Diameter: 5-5/16” [135mm]

1945BLUE
Frosted Blue Glass

1945
Clear Frosted Glass

1946
- Polished metallic accents with green tint translucent rings
- For general illumination

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<tr>
<td>H1499ICAT</td>
<td>42W 12V MR16</td>
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</table>

Metropolitan Deco

Height: 1-5/8” [41mm]
Outside Diameter: 5-5/8” [143mm]

1946BC
Black Chrome Accent with Translucent Rings

1946PB
Polished Brass Accent with Translucent Rings

1951
- Wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim
- Clear specular splay reflector
- 15° tilt, 360° rotation

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<td>H1499ICAT</td>
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</table>

Regressed Lensed Shower Light

Height: 2-1/2” [63mm]
Outside Diameter: 5-1/16” [129mm]

1951PS
White Trim with Clear Specular Splay Reflector

1951SNS
Satin Nickel Trim with Clear Specular Splay Reflector

1951ACS
Antique Copper Trim with Clear Specular Splay Reflector

1951TBZS
Tuscan Bronze Trim with Clear Specular Splay Reflector

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H470ICAT / H471ICAT

4" Aperture, New Construction, ICAT
Compact Fluorescent, 13W (H470ICAT) and 18W (H471ICAT)

The H470ICAT and H471ICAT are designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The 13W H470ICAT and 18W H471ICAT include 120V NPF electronic compact fluorescent ballast. Both housings offer a wide choice of trim types including reflector, baffle, and lensed shower trims.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Openings are gasketed for AIR-TITE installation.
- Housing adjusts for ceilings up to 1" thick.
- AIR-TITE gasket is pre-installed.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
Includes regressed locking screw for hanger bars and cutouts for crimping hanger bars in position. AIR-TITE gasket is pre-installed on frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14A/3, #12/2

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.

*Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "toolless" shortening for 12" joists.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
H470ICAT - G24q-1/GX24-1 socket for one 13W TTT-Triple Twin Tube 4 pin lamp.
H471ICAT - G24q-2/GX24q-2 socket for one 18W TTT-Triple Twin Tube 4 pin lamp.

**LAMP**
Compact Fluorescent lamp (by others).
H470ICAT - Generic 13 Watt Lamp Designations:
TTT-Triple Twin Tube (CFTR)
- CFTR13GW/GX24q 2700K
- CFTR13GW/GX24q 3000K
- CFTR13GW/GX24q 3500K
- CFTR13GW/GX24q 4100K

DTT-Double Twin Tube (CFQ) 13W lamps may be used but are not recommended with this fixture due to the longer overall length of 13W DTT lamps.
H471ICAT - Generic 18 Watt Lamp Designations:
TTT-Triple Twin Tube (CFTR)
- CFTR18GW/GX24q 2700K
- CFTR18GW/GX24q 3000K
- CFTR18GW/GX24q 3500K
- CFTR18GW/GX24q 4100K

DTT-Double Twin Tube (CFQ) 18W lamps are not recommended with this fixture due to the longer overall length of 18W DTT lamps.

**ELECTRONIC BALLAST**
120 volt, 60Hz NPF electronic ballast. Meets FCC Title 47 CFR Part 18 Consumer Level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaires
- UL/cUL Listed for Damp Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for FeedThrough

**COMPLIANCE**
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECC)
- State of California Title 24 "Recessed Luminaires in Insulated Ceilings."

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H470RICAT / H471RICAT**

**4” Aperture, Remodel, ICAT**  
Compact Fluorescent, 13W (H470RICAT) and 18W (H471RICAT)

The H470RICAT and H471RICAT are designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The 13W H470RICAT and 18W H471RICAT include 120V NPF electronic compact fluorescent ballast. Both housings offer a wide choice of trim types including reflector, baffle, and lensed shower trims.

### FEATURES

#### HOUSING
- Single wall aluminum housing.
- Openings are gasketed for AIR-TITE installation.
- AIR-TITE gasket is preinstalled.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

#### SLIDE-N-SIDE™ JUNCTION BOX
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:  
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

#### REMODEL SPRINGS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

#### SOCKET
**H470RICAT** - G24q-1/GX24-1 socket for one 13W TTT - Triple Twin Tube 4 pin lamp.

**H471RICAT** - G24q-2/GX24q-2 socket for one 18W TTT - Triple Twin Tube 4 pin lamp.

#### LAMP
Compact Fluorescent lamp (by others).

**H470RICAT** - Generic 13 Watt Lamp Designations:

- TTT-Triple Twin Tube (CFTR)
  - CFTR13W/GX24q 2700K
  - CFTR13W/GX24q 3000K
  - CFTR13W/GX24q 3500K
  - CFTR13W/GX24q 4100K

- DTT-Double Twin Tube (CFQ) 13W lamps may be used but are not recommended with this fixture due to the longer overall length of 13W DTT lamps.

**H471RICAT** - Generic 18 Watt Lamp Designations:

- TTT-Triple Twin Tube (CFTR)
  - CFTR18W/GX24q 2700K
  - CFTR18W/GX24q 3000K
  - CFTR18W/GX24q 3500K
  - CFTR18W/GX24q 4100K

- DTT-Double Twin Tube (CFQ) 18W lamps are not recommended with this fixture due to the longer overall length of 18W DTT lamps.

- 12,000 hour rated average life
- 82 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm or 3000K medium warm incandescent-like light or 3500K medium cool or 4100K cool light.

### ELECTRONIC BALLAST
60 Hz, 120 volt NPF electronic ballast. Meets FCC Title 47 CFR Part 18 Consumer Level limits.

### LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material

### COMPLIANCE
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

### QUALIFICATION
IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:

- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

4˝

Recessed Downlighting Trims

Compact Fluorescent

999

- Die cast trim ring with metal reflector
- For general lighting

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Light Source</th>
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<tbody>
<tr>
<td>H470ICAT</td>
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<td>H470RICAT</td>
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<td>18W TTT</td>
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<tr>
<td>H471RICAT</td>
<td>18W TTT</td>
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**Reflector**

- 999MB: White Trim with Specular Black Reflector
- 999RG: White Trim with Residential Gold Reflector
- 999: White Trim with Specular Clear Reflector

**Coilex® Baffle**

- 993W: White Trim with White Baffle
- 993P: White Trim with Black Baffle
- 993SN: Satin Nickel Trim with Black Baffle

**Metal Baffle**

- 953W: White Trim with White Baffle
- 953P: White Trim with Black Baffle
- 953SN: Satin Nickel Trim with Satin Nickel Baffle

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<td>18W TTT</td>
</tr>
<tr>
<td>H471RICAT</td>
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**Height:** 2-5/8” [67mm]
**Outside Diameter:** 5-1/16” [129mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
945
- Frosted Glass Trim in Natural or Blue
- For general lighting

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<td>18W TTT</td>
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<tr>
<td>H471RICAT</td>
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**Metropolitan Ice Lite**

- Frosted Blue Glass
- Frosted Glass

Height: 2-1/8” [54mm]
Outside Diameter: 5-5/16” [135mm]

946
- Polished metallic accents with Translucent Rings
- For general lighting

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**Metropolitan Deco**

- Black Chrome Accent with Translucent Ring
- Polished Brass Accent with Translucent Rings

Height: 1-5/8” [41mm]
Outside Diameter: 5-5/8” [143mm]

952
- Frosted glass dome shower light
- Wet location listed
- Non-conductive, non-corrosive polymer trim ring

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**Frosted Dome Lens Shower Light**

- White Trim Ring, Dome Lens Shower Light

Height: 2-19/32” [66mm]
Outside Diameter: 5-1/16” [129mm]

955
- Prismatic glass lens
- Wet location listed shower light
- Non-conductive, non-corrosive polymer trim ring

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**Frosted Lens Shower Light**

- White Trim Ring, Flat Lens Shower Light

Height: 2-21/32” [67mm]
Outside Diameter: 5-1/16” [129mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H5ICAT

**5” Aperture, New Construction, ICAT Incandescent**

The Halo H5 series is designed to accommodate smaller sized PAR20 and PAR30 halogen lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICAT is designed for use in insulated ceiling applications. This is an AIR-TITE™ housing and may be used to meet restricted air flow requirements.

### FEATURES

**HOUSING**
- Gasketed die-stamped aluminum.
- Sealed and gasketed for AIR-TITE™ installation.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - Pre-installed AIR-TITE gasket with ceiling contact gasket pre-installed on the plaster frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAILIT™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolees” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning. Shipping insert protects socket from overspray.

**THERMAL PROTECTOR**
Integral, self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**TRIMS**
- Housing accommodates a wide range of Halo H5 trims. Socket snaps into trims for quick and easy installation.
- Fixed socket bracket aligns socket for consistent lamp position.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed luminaires in insulated ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H5RICAT

5" Aperture, Remodel, ICAT
Incandescent

The Halo H5 series is designed to accommodate smaller sized PAR20 and PAR30 halogen lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5 trim size makes the H5RICAT the right choice for applications where dramatic yet inconspicuous lighting is required in an existing ceiling. This is an AIR-TITE™ housing and may be used to meet restricted air flow requirements.

FEATURES

HOUSING
• Gasketed die-stamped aluminum.
• Sealed and gasketed for AIR-TITE™ installation with ceiling contact gasket pre-installed.
• For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
• Designed for insulated ceilings in direct contact with insulation. (May also be installed in Non-insulated ceilings).

REMODEL SPRINGS
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.

JUNCTION BOX
• Seven 1/2" trade size conduit knockouts with true pry-out slots
• Four type NM (non-metallic sheathed cable) pryouts simplify installation

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning. Shipping insert protects socket from overspray.

THERMAL PROTECTOR
Integral, self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

TRIMS
• Housing accommodates a wide range of Halo H5 trims. Socket snaps into trims for quick and easy installation.
• Fixed socket bracket aligns socket for consistent lamp position.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL Listed for Direct Contact with Insulation and combustible material
• UL/cUL Listed for Feed Through

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The Halo H25ICAT is designed for use in shallow ceilings. The variety of trim options allows a number of lighting effects to be created with one basic housing. The H25ICAT is designed for use in insulated shallow ceiling applications. The H25ICAT housing is an AIR-TITE™ housing and may be used to meet Restricted Air Flow requirements.

**FEATURES**

**HOUSING**
- Gasketed die-stamped aluminum.
- Sealed and gasketed for AIR-TITE™ installation.
- Designed for insulated ceilings in direct contact with insulation.
  (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented recessed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - Pre-installed AIR-TITE gasket with ceiling contact gasket pre-installed on the plaster frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toeless” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning. Shipping insert protects socket from overspray.

**THERMAL PROTECTOR**
Integral self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**TRIMS**
- Housing accommodates a wide range of Halo H5 trims. Socket snaps into trims for quick and easy installation.
- Fixed socket bracket aligns socket for consistent lamp position.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTME283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
5020

• Straight precision sided trim ring
• Torsion Springs pull trim tight to ceiling
• Dual Socket Position for BR and PAR Lamps

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5020P</td>
<td>White Trim with White Reflector</td>
</tr>
<tr>
<td>5020H</td>
<td>White Trim with Haze Reflector</td>
</tr>
<tr>
<td>5020AC</td>
<td>Antique Copper Trim with Antique Copper Reflector</td>
</tr>
<tr>
<td>5020SC</td>
<td>White Trim with Clear Specular Reflector</td>
</tr>
<tr>
<td>5020BL</td>
<td>White Trim with Black Specular Reflector</td>
</tr>
<tr>
<td>5020RG</td>
<td>White Trim with Residential Gold Reflector</td>
</tr>
<tr>
<td>5020TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Reflector</td>
</tr>
<tr>
<td>5020SN</td>
<td>Satin Nickel Trim with Satin Nickel Reflector</td>
</tr>
</tbody>
</table>

Height: 3-1/4” [82mm]
Outside Diameter: 6-3/8” [162mm]

5021

• Straight precision sided trim ring
• Torsion Springs pull trim tight to ceiling
• For use with A-Lamps

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5021RG</td>
<td>White Trim with Residential Gold Reflector</td>
</tr>
<tr>
<td>5021AC</td>
<td>Antique Copper Trim with Antique Copper Reflector</td>
</tr>
<tr>
<td>5021H</td>
<td>White Trim with Haze Reflector</td>
</tr>
<tr>
<td>5021SN</td>
<td>Satin Nickel Trim with Satin Nickel Reflector</td>
</tr>
<tr>
<td>5021TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Reflector</td>
</tr>
</tbody>
</table>

Height: 5” [127mm]
Outside Diameter: 6-3/8” [162mm]

5001

• Straight Precision Sided Trim Ring
• Torsion Springs pull trim tight to ceiling
• Dual socket position for use with BR and PAR Lamps

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5001P</td>
<td>White Trim with White Baffle</td>
</tr>
<tr>
<td>5001MB</td>
<td>White Trim with Black Baffle</td>
</tr>
<tr>
<td>5001AC</td>
<td>Antique Copper Trim with Antique Copper Baffle</td>
</tr>
<tr>
<td>5001SN</td>
<td>Satin Nickel Trim with Satin Nickel Baffle</td>
</tr>
</tbody>
</table>

Height: 6-1/8” [152mm]
Outside Diameter: 6-3/8” [156mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
## 5010
- Straight Precision Sided Trim Ring
- Torsion Springs pull trim tight to ceiling
- Dual Socket Position for BR and PAR Lamps

### Specifications
- **H5ICAT**
  - 60W BR30, 50W PAR30
- **H5RICAT**
  - 60W BR30, 50W PAR30, 50W PAR30L

### Dimensions
- Outside Diameter: 6-1/2” [165mm]

### Options
- 5010W White Trim with White Baffle
- 5010 White Trim with Black Baffle

---

## 5014
- Straight Precision Sided Trim Ring
- Torsion Springs pull trim tight to ceiling

### Specifications
- **H25ICAT**
  - 50W PAR30, 65W BR30, 75W PAR30L (75W PAR30 5014P only)

### Dimensions
- Height: 5-9/16” [141mm]
- Outside Diameter: 6-3/8” [162mm]

### Options
- 5014P White Trim with White Baffle
- 5014MB White Trim with Black Baffle

---

## 5016
- Straight precision sided trim ring
- Torsion Springs pull trim tight to ceiling
- Dual Socket Position for BR and PAR Lamps

### Specifications
- **H5ICAT**
  - 50W PAR30, 65W BR30, 75W PAR30L
- **H25ICAT**
  - 50W PAR30, 50W R30

### Dimensions
- Height: 6-3/4” [171mm]
- Outside Diameter: 6-3/8” [162mm]

### Options
- 5016W White Trim with White Baffle
- 5016P White Trim with Black Baffle

---

## 5060
- Adjustable Gimbal - 20° Tilt
- Straight Precision Sided Trim Ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 20° Tilt - 360° Rotation

### Specifications
- **H5ICAT**
  - 50W PAR30
- **H5ICAT**
  - 50W PAR30, 50W R30

### Dimensions
- Height: 3-1/4” [82mm]
- Outside Diameter: 6-3/8” [162mm]

### Options
- 5060P White Trim with White Gimbal

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
5070

- Straight Precision Sided Trim Ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 30° Tilt - 360° Rotation

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5070P</td>
<td>White Trim with White Eyeball</td>
</tr>
<tr>
<td>5070SN</td>
<td>Satin Nickel Trim with Satin Nickel Eyeball</td>
</tr>
<tr>
<td>5070AC</td>
<td>Antique Copper Trim with Antique Copper Eyeball</td>
</tr>
</tbody>
</table>

Height: 3-3/8" [86mm]
Aperture: 3-7/8" [98mm]
Outside Diameter: 6-3/8" [162mm]

5071

- Straight precision sided trim ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 30° Tilt - 360° Rotation

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5071P</td>
<td>White Trim with White Eyeball</td>
</tr>
</tbody>
</table>

Outside Diameter: 6-1/2" [165mm]

5000

- Straight precision sided trim ring
- Open Metal Splay Trim
- Dual Socket position socket for BR and PAR lamps

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000P</td>
<td>White Trim with White Splay</td>
</tr>
<tr>
<td>5000SN</td>
<td>Satin Nickel Trim with Satin Nickel Splay</td>
</tr>
<tr>
<td>5000AC</td>
<td>Antique Copper Trim with Antique Copper Splay</td>
</tr>
</tbody>
</table>

Height: 4-5/8" [118mm]
Outside Diameter: 6-3/8" [162mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
5054
- Frosted glass dome lens
- Wet location listed shower light
- Non conductive, non corrosive polymer trim ring

<table>
<thead>
<tr>
<th>H5ICAT</th>
<th>H5RICAT</th>
<th>H25ICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40W A19, 50W PAR30</td>
<td></td>
</tr>
</tbody>
</table>

Height: 5-9/16” [141mm]  
Lens Height: 1-3/4” [45mm]  
Outside Diameter: 6-7/16” [164mm]

Dome Lens Shower Light

5054PS
White Trim with Frosted Diffuser

5054SNS
Satin Nickel Trim with Frosted Diffuser

5054ACS
Antique Copper Trim with Frosted Diffuser

5054TBZS
Tuscan Bronze Trim with Frosted Diffuser

5054
- Frosted albalite glass lens
- Wet location listed shower light

<table>
<thead>
<tr>
<th>H5ICAT</th>
<th>H5RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>35W PAR30L</td>
</tr>
</tbody>
</table>

Height: 4-1/2” [114mm]  
Lens Height: 1-3/4” [45mm]  
Outside Diameter: 6-7/16” [164mm]

5051
- Straight precision sided trim ring
- Frosted albalite glass lens
- Wet location listed shower light

<table>
<thead>
<tr>
<th>H5ICAT</th>
<th>H5RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40W A19, 50W PAR30H25ICAT</td>
</tr>
</tbody>
</table>

Height: 5-9/16” [141mm]  
Outside Diameter: 6-7/16” [164mm]

5051PS
White Trim with Frosted Lens

OT500P
- Fits the new Halo H5 trim family “straight precision” style trim rings
- Oversize trim ring corrects for uneven ceiling cutout
- Adds 3/8” onto the trim flange
- Satin White plastic Ring

<table>
<thead>
<tr>
<th>OT500P</th>
</tr>
</thead>
</table>

Oversize Trim Ring

OT500P
Oversize Trim Ring for “Straight Precision” sided Halo H5 50xx family trims

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The Halo H5 series is designed to accommodate smaller sized PAR20 and PAR30 halogen lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. H5T is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.

**FEATURES**

**HOUSING**
- Die-stamped CRS with white powder coat finish.

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tooless” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning. Shipping insert protects socket from overspray.

**THERMAL PROTECTOR**
Integral self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

**TRIMS**
- Housing accommodates a wide range of Halo H5 trims. Socket snaps into trims for quick and easy installation.
- Fixed socket bracket aligns socket for consistent lamp position.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- IP rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The Halo H5 series is designed to accommodate smaller sized PAR20 and PAR30 halogen lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5 trim size makes the H5RT the right choice for applications where dramatic yet inconspicuous lighting is required in an existing ceiling. H5RT is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of the housing.

**H5RT**

**5” Aperture, Remodel, Non-IC**

**Incandescent**

**HOUSING**
- Die-stamped CRS with white powder coat finish.
- For installation from below finished ceiling. Integral flange secures fixture against ceiling.

**REMODEL SPRINGS**
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

**JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Four type NM (non-metallic sheathed cable) pryouts simplify installation

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning. Shipping insert protects socket from overspray.

**THERMAL PROTECTOR**
Integral, self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**TRIMS**
- Housing accommodates a wide range of Halo H5 trims. Socket snaps into trims for quick and easy installation.
- Fixed socket bracket aligns socket for consistent lamp position.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- IP rated (Improper Lamp)

**FEATURES**

![Top View](image)

Ceiling Opening to match template supplied

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
5020

• Straight precision sided trim ring
• Torsion Springs pull trim tight to ceiling
• Dual Socket Position for BR and PAR Lamps

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 3-1/4” [82mm]  
Outside Diameter: 6-3/8” [162mm]

PAR Reflector Cone

<table>
<thead>
<tr>
<th>Style</th>
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</tr>
</thead>
<tbody>
<tr>
<td>5020P</td>
<td>White Trim with White Reflector</td>
</tr>
<tr>
<td>5020H</td>
<td>White Trim with Haze Reflector</td>
</tr>
<tr>
<td>5020SC</td>
<td>White Trim with Clear Specular Reflector</td>
</tr>
<tr>
<td>5020BL</td>
<td>White Trim with Black Specular Reflector</td>
</tr>
<tr>
<td>5020RG</td>
<td>White Trim with Residential Gold Reflector</td>
</tr>
<tr>
<td>5020T</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Reflector</td>
</tr>
<tr>
<td>5020AC</td>
<td>Antique Copper Trim with Antique Copper Reflector</td>
</tr>
<tr>
<td>5020SN</td>
<td>White Trim with Clear Specular Reflector</td>
</tr>
</tbody>
</table>

5021

• Straight precision sided trim ring
• Torsion Springs pull trim tight to ceiling
• For use with A-Lamps

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>HST</td>
<td>60W A19</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 5” [127mm]  
Outside Diameter: 6-3/8” [162mm]

Full Reflector

<table>
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<tr>
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<tbody>
<tr>
<td>5021RG</td>
<td>White Trim with Residential Gold Reflector</td>
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<tr>
<td>5021H</td>
<td>White Trim with Haze Reflector</td>
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<td>White Trim with Clear Specular Reflector</td>
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</tr>
<tr>
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<td>Antique Copper Trim with Antique Copper Reflector</td>
</tr>
<tr>
<td>5021SN</td>
<td>White Trim with Clear Specular Reflector</td>
</tr>
<tr>
<td>5021TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Reflector</td>
</tr>
</tbody>
</table>

5001

• Straight precision sided trim ring
• Torsion Springs pull trim tight to ceiling
• Dual socket position for use with BR and PAR Lamps

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>50W R20, 50W PAR20, 65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 6-1/8” [152mm]  
Outside Diameter: 6-3/8” [158mm]

PAR Metal Baffle Splay

<table>
<thead>
<tr>
<th>Style</th>
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<tbody>
<tr>
<td>5001P</td>
<td>White Trim with White Baffle</td>
</tr>
<tr>
<td>5001MB</td>
<td>White Trim with Black Baffle</td>
</tr>
<tr>
<td>5001SN</td>
<td>Satin Nickel Trim with Satin Nickel Baffle</td>
</tr>
<tr>
<td>5001AC</td>
<td>Antique Copper Trim with Antique Copper Baffle</td>
</tr>
<tr>
<td>5001TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Baffle</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

**5010**
- Straight precision sided trim ring
- Torsion Springs pull trim tight to ceiling
- Dual Socket Position for BR and PAR Lamps

<table>
<thead>
<tr>
<th>Trim Style</th>
<th>Lighting Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 6-3/8" [162mm]

**PAR Metal Step Baffle**

| 5010W       | White Trim with White Baffle |
| 5010        | White Trim with Black Baffle |

---

**5012**
- Straight precision sided trim ring
- Provides ultra deep lamp regression (not compatible with HSTM)

<table>
<thead>
<tr>
<th>Trim Style</th>
<th>Lighting Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 6-3/8" [162mm]

**High Coilex® Baffle**

| 5012W       | White Trim with White Baffle |
| 5012P       | White Trim with Black Baffle |

---

**5016**
- Straight precision sided trim ring
- Torsion Springs pull trim tight to ceiling
- Dual Socket Position for BR and PAR Lamps

<table>
<thead>
<tr>
<th>Trim Style</th>
<th>Lighting Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>60W A19, 65W BR30, 75W PAR30, 75W PAR30L, 75W R30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 6-3/4" [171mm]
Outside Diameter: 6-3/8" [162mm]

**Coilex® Baffle with Reflector**

| 5016W       | White Trim with White Baffle |
| 5016P       | White Trim with Black Baffle |

---

**5060**
- Adjustable Gimbal - 20° Tilt
- Straight Precision Sided Trim Ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 20° Tilt - 360° Rotation

<table>
<thead>
<tr>
<th>Trim Style</th>
<th>Lighting Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>HST</td>
<td>50W PAR30</td>
</tr>
<tr>
<td>HSRT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 3-1/4" [82mm]
Outside Diameter: 6-3/8" [162mm]

**Adjustable Gimbal**

| 5060P       | White Trim with White Gimbal |

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Visit [www.cooperlighting.com](http://www.cooperlighting.com) for more information on the complete product offering. Product availability and specifications subject to change without notice.
5070

- Straight Precision Sided Trim Ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 30° Tilt - 360° Rotation

5070P
White Trim with White Eyeball

5070SN
Satin Nickel Trim with Satin Nickel Eyeball

5070AC
Antique Copper Trim with Antique Copper Eyeball

Height: 3-3/8" [86mm]
Aperture: 3-7/8" [98mm]
Outside Diameter: 6-3/8" [162mm]

5071

- Straight Precision Sided Trim Ring
- For Directional Accent Lighting
- Torsion Springs pull trim tight to ceiling
- 30° Tilt - 360° Rotation

5071P
White Trim with White Eyeball

Outside Diameter: 6-1/2" [165mm]

5000

- Straight precision sided trim ring
- Open Metal Splay Trim
- Dual Socket position socket for BR and PAR lamps

5000P
White Trim with White Splay

5000SN
Satin Nickel Trim with Satin Nickel Splay

5000AC
Antique Copper Trim with Antique Copper Splay

Height: 4-5/8" [118mm]
Outside Diameter: 6-3/8" [162mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
5054
- Frosted glass dome lens
- Wet location listed shower light
- Non conductive, non corrosive polymer trim ring

HST 75W A19, 75W PAR30
HSRT

Height: 4-1/2˝ [114mm]
Outside Diameter: 6-3/8˝ [162mm]

5051
- Straight precision sided trim ring
- Frosted albalite glass lens
- Wet location listed shower light

HST 60W A19, 50W PAR30, 50W PAR30L, 65W BR30
HSRT

Height: 5-1/2˝ [140mm]
Outside Diameter: 6-3/8˝ [162mm]

5030
- Straight precision sided trim ring
- Designed to spread light closer to the ceiling to eliminate the “cave effect”
- Provides a wash of light
- 360° rotation

HST 50W TB19, 60W A19, 60W BT15, 60W MB19
HSRT

Height: 6-13/16˝ [173mm]
Outside Diameter: 6-1/4˝ [159mm]

5054PS
White Trim with Frosted Diffuser

5054SNS
Satin Nickel Trim with Frosted Diffuser

5054ACS
Antique Copper Trim with Frosted Diffuser

5054TBZS
Tuscan Bronze Trim with Frosted Diffuser

5054
Frosted Lens Shower Light

5051PS
White Trim with Frosted Lens

5030W
White Trim and Eyelid with White Baffle

5030P
White Trim and Eyelid with Black Baffle

OT500P
Oversize Trim Ring

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

H570ICAT / H571ICAT / H572ICAT
5" Aperture New Construction, ICAT
Compact Fluorescent, 13W (H570ICAT), 18W (H571ICAT) and 26W (H572ICAT)

The H570ICAT, H571ICAT and H572ICAT housings are designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. Includes 120V NPF electronic compact fluorescent ballast.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Sealed and gasketed for AIR-TITE™ installation, with the ceiling-contact gasket pre-installed on the plaster frame.
- Housing adjusts for ceilings up to 1-3/8" thick.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**ELECTRONIC BALLAST**
120 volt, 60 Hz electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
- ENERGY STAR®
- Can be used for State of California Title 24 High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance
- Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
  - Washington State Energy Code
  - International Energy Conservation Code (IECC)
  - New York State Energy Conservation Construction Code (NY-ECCC)
  - State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H570RICAT, H571RICAT and H572RICAT housings are designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. Includes 120V NPF electronic compact fluorescent ballast.

**HOUSING**
- Single wall aluminum housing.
- Sealed and gasketed for AIR-TITE™ installation with ceiling contact gasket pre-installed.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in Non-insulated ceilings).
- For installation from below the finished ceiling.
- Integral flange secures fixture against ceiling

**REMODEL SPRINGS**
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**SOCKET**
Socket for one Double Twin Tube (DTT) or Triple Twin Tube (TTT) 4-pin lamp.
- **H570RICAT**: G24q-1/GX24q-1 socket for one 13W lamp (DTT or TTT).
- **H571RICAT**: G24q-2/GX24q-2 socket for one 18W lamp (DTT or TTT).
- **H572RICAT**: G24q-3/GX24q-3 socket for one 26W lamp (DTT or TTT).

**LAMP**
Compact Fluorescent lamp (by others). Generic Lamp Designations:
- **DTT-Double Twin Tube (Quad)** (CFQ):
  - CFQ13W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFQ18W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFQ26W/G24q - 2700K, 3000K, 3500K, 4100K
- **TTT-Triple Twin Tube (CFTR)**:
  - CFTR13W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR18W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR26W/GX24q - 2700K, 3000K, 3500K, 4100K
- **12,000 hour rated average life**
- **82 CRI rated lamps provide excellent color and high visual comfort**
- **Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.**

**ELECTRONIC BALLAST**
120 volt, 60 Hz, NPF electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
- **ENERGY STAR®**
- Can be used for State of California Title 24 High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

**IC and AIR-TITE™**
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H573ICAT1D is designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The electronic compact fluorescent ballast. The H573ICAT1D offers compact fluorescent dimming capability with a 120V NPF electronic fluorescent dimming ballast.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Sealed and gasketed for AIR-TITE™ installation, with the ceiling-contact gasket pre-installed on the plaster frame.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - Halo name embossed on plaster frame.
  - Pre-installed AIR-TITE™ gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven 1/2" trade size conduit knockouts with true pry-out slots.
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "toothless" shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
G24q-3/GX24-3 socket for one 26W DTT* - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4 pin lamp.
* DTT lamp not listed for use with all trims. See trims for listings.

**LAMP**
Compact Fluorescent lamp (by others). Generic Lamp Designations:
- DTT-Double Twin Tube (Quad) (CFQ):
  - CFQ26W/G24q 2700K
  - CFQ26W/G24q 3000K
  - CFQ26W/G24q 3500K
  - CFQ26W/G24q 4100K
- TTT-Triple Twin Tube (CFTR):
  - CFTR26W/GX24q 2700K
  - CFTR26W/GX24q 3000K
  - CFTR26W/GX24q 3500K
  - CFTR26W/GX24q 4100K
- 12,000 hour rated average life
- 82 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm, 3500K medium-cool, and 4100K cool.

**ELECTRONIC DIMMING BALLAST**
Models are provided with a 120V 60 Hz, NPF electronic fluorescent dimming ballast. The dimming ballast is rated for use with 26W Double Twin Tube or Triple Twin Tube (Triple Twin Tube lamp is preferred for best visual comfort). The ballast offers 100% to 15% nominal dimming range. Meets FCC Title 47 CFR Part 18 for Consumer Level Limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
- ENERGY STAR®
- Can be used for State of California Title 24 High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance
- IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-IECC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H573RICAT1D

5" Aperture Remodel, ICAT - Dimmable Compact Fluorescent, 26W

The H573RICAT1D is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H573RICAT1D offers compact fluorescent dimming capability with a 120V NPF electronic fluorescent dimming ballast.

FEATURES

HOUSING
• Single wall aluminum housing.
• Sealed and gasketed for AIR-TITE™ installation with ceiling contact gasket pre-installed.
• Designed for insulated ceilings in direct contact with insulation. (May also be installed in Non-insulated ceilings).
• For installation from below the finished ceiling.
• Integral flange secures fixture against ceiling

REMODEL SPRINGS
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2" trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

SOCKET
G24q-3/GX24-3 socket for one 26W DTT* - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4 pin lamp.
* DTT lamp not listed for use with all trims. See trims for listings.

LAMP
Compact Fluorescent lamp (by others). Generic Lamp Designations:
DTT-Double Twin Tube (Quad) (CFQ):
  - CFQ26W/G24q 2700K
  - CFQ26W/G24q 3000K
  - CFQ26W/G24q 3500K
  - CFQ26W/G24q 4100K
TTT-Triple Twin Tube (CFTR):
  - CFTR26W/GX24q 2700K
  - CFTR26W/GX24q 3000K
  - CFTR26W/GX24q 3500K
  - CFTR26W/GX24q 4100K
• 12,000 hour rated average life
• 82 CRI rated lamps provide excellent color and high visual comfort.
• Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm, 3500K medium-cool, and 4100K cool.

ELECTRONIC DIMMING BALLAST
Models are provided with a 120V, 60 Hz, NPF, electronic fluorescent dimming ballast. The dimming ballast is rated for use with 26W Double Twin Tube or Triple Twin Tube (Triple Twin Tube lamp is preferred for best visual comfort). The ballast offers 100% to 15% nominal dimming range. Meets FCC Title 47 CFR Part 18 Consumer Level limits.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling - with select trims
• UL/cUL Listed for Direct Contact with Insulation and combustible material
• UL/cUL Listed for Feed Through

QUALIFICATION
• ENERGY STAR®
• Can be used for State of California Title 24 High Efficacy Compliance
• Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**5021**

- Straight Precision Sided Trim Ring
- Torsion Springs pull trim tight to ceiling
- For use with 4-pin compact fluorescent lamps

<table>
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<th>Description</th>
<th>CRI CAT</th>
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</table>

**ERT513**

- Tapered self-flange trim ring
- Friction clip retention and torsion spring retention models
- High Gloss Appliance White Finish
- For use with 4-pin compact fluorescent lamps

<table>
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**5016**

- Straight Precision Sided Trim Ring
- Torsion Springs pull trim tight to ceiling
- For use with 4-pin compact fluorescent lamps

<table>
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</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
5054

- Frosted glass dome shower light
- For use with 4-pin compact fluorescent lamps
- Wet location listed
- Non-conductive, non-corrosive polymer trim ring

<table>
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<tr>
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</tbody>
</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

Height: 4-1/2” [114mm]
Lens Height: 1-3/4” [45mm]
Outside Diameter: 6-3/8” [162mm]

5051

- Straight precision sided trim ring
- Frosted albalite lens
- For use with 4-pin compact fluorescent lamps
- Wet location listed for use in showers

<table>
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<tr>
<td>H573iCAT1D</td>
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</tbody>
</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

Height: 5-9/16” [141mm]
Outside Diameter: 6-7/16” [164mm]

ERT552

- Bevel edge Trim Ring
- Fresnel glass lens
- Wet location listed for use in showers

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>H570iCAT</td>
<td>13W DTT or 13W TTT</td>
</tr>
<tr>
<td>H570iCAT1</td>
<td>18W DTT or 18W TTT</td>
</tr>
<tr>
<td>H571iCAT</td>
<td>26W DTT or 26W TTT</td>
</tr>
<tr>
<td>H571iCAT1</td>
<td></td>
</tr>
<tr>
<td>H572iCAT</td>
<td></td>
</tr>
<tr>
<td>H572iCAT1</td>
<td></td>
</tr>
<tr>
<td>H573iCAT1D</td>
<td></td>
</tr>
<tr>
<td>H573iCAT1D</td>
<td></td>
</tr>
</tbody>
</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

Height: 5-1/2” [140mm]
Outside Diameter: 6-1/2” [165mm]
**5030**

- Straight precision sided trim rings
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- For use with 4-pin compact fluorescent lamps.
- Provides a wash of light
- 360° rotation

<table>
<thead>
<tr>
<th>Model</th>
<th>Watts</th>
<th>Tube Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H570ICAT</td>
<td>13</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H570RICAT</td>
<td>18</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H571ICAT</td>
<td>26</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H571RICAT</td>
<td>26</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H572ICAT</td>
<td>13</td>
<td>DTT or TTT</td>
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<tr>
<td>H572RICAT</td>
<td>13</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H573ICAT1D</td>
<td>18</td>
<td>DTT or TTT</td>
</tr>
<tr>
<td>H573RICAT1D</td>
<td>18</td>
<td>DTT or TTT</td>
</tr>
</tbody>
</table>

*DTT = Double Twin Tube, TTT = Triple Twin Tube*

---

**OT500P**

- Fits the new Halo H5 trim family “straight precision” style trim rings
- Oversize trim ring corrects for uneven ceiling cutout
- Adds 3/8” onto the trim flange
- Satin White plastic Ring

**Wall Wash with Baffle**

- Height: 6-13/16” [173mm]
- Outside Diameter: 6-1/4” [159mm]

**5030W**
- White Trim and Eyelid with White Baffle

**5030P**
- White Trim and Eyelid with Black Baffle

---

**Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.**
**H573ICAT1D and H573RICAT1D Dimming Features**

Features include:
- 100% to 15% nominal dimming range with compatible dimmers
- Standard wiring (2 wire plus ground, e.g. NM14/2 or NM12/2)
- 26W compact fluorescent 4-pin lamps
- Double Twin Quad Tube (DTT) or Triple Twin Tube (TTT) lamps - TTT lamps recommended for best lamp regression and trim compatibility. Check trim listings for lamp compatibility.

**Dimming Models**

<table>
<thead>
<tr>
<th>Aperture</th>
<th>Wattage/Type</th>
<th>Generic Lamp ID</th>
<th>Color Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Construction</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H573ICAT1D</td>
<td>5˝</td>
<td>26W DTT Quad</td>
<td>CFQ26W/G24q /827/830/835/841</td>
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<tr>
<td></td>
<td>26W TTT Triple</td>
<td>CFTR26W/Gx24q /827/830/835/841</td>
<td></td>
</tr>
<tr>
<td><strong>Remodel</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H573RICAT1D</td>
<td>5˝</td>
<td>26W DTT Quad</td>
<td>CFQ26W/G24q /827/830/835/841</td>
</tr>
<tr>
<td></td>
<td>26W TTT Triple</td>
<td>CFTR26W/Gx24q /827/830/835/841</td>
<td></td>
</tr>
</tbody>
</table>

**Dimmer Application Notes**
- Select dimmers rated for phase controlled fluorescent dimming ballasts. *(Dimmer compatible with AmbiStar* fluorescent dimming ballast or similar.)*
- 120V, 60 Hz standard 2-wire plus ground wiring.
- Consult dimmer manufacturer for maximum dimmer load.
- Fluorescent dimming may vary from incandescent dimming. Performance results may vary based upon dimmer model, manufacturer and circuit wiring.
- Contact dimmer manufacturer for compatible product selection.

*AmbiStar is a registered trademark of Philips Advance.*
Standard Compact Fluorescent Dimmers by COOPER Wiring Devices

Aspire Smart Dimmer Master - 9580*
Single Pole / Multi-location, 1000VA Fluorescent

Aspire Slide Dimmer - 9568*
Single-Pole / 3-Way, 8A Fluorescent

Available Color Options

| Alpine White | Desert Sand | White Satin | Silver Granite |

Accell - AF10
Smart Dimmer Master, Fluorescent, 1000W

Devine - DF8AP
Single-Pole / 3-Way, 8A Fluorescent, Slide Dimmer

Skye - SF8AP
Single-Pole / 3-Way, 8A Fluorescent, Full Slide Dimmer

Available Color Options

<table>
<thead>
<tr>
<th>Almond</th>
<th>Black</th>
<th>Brown</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivory</td>
<td>Light Almond</td>
<td>White</td>
<td></td>
</tr>
</tbody>
</table>

Cooper Wiring Devices CFL compatible dimmers are illustrated for reference.
For product selection, ordering information and where to purchase contact Cooper Wiring Devices at www.cooperwiringdevices.com.
Pre-installed tool-less strain relief which eliminates purchase of additional connectors

Precisely aligned pre-installed nails

Pass-N-Thru bar hangers can be shortened for use in joist spans of less than 12 in.

Pre-installed gasket prevents airflow between attic and living areas

**HALO®**

**Recessed Lighting**

HALO® products hold up to rigorous performance standards for consistent color, long life, high efficacy and delivered lumens.

www.cooperlighting.com
6”

LED ............................................................ 6-2
Incandescent ............................................ 6-14
Low Voltage ............................................. 6-78
Compact Fluorescent ............................... 6-82
Slope Ceiling ........................................... 6-102
Commercial Grade Incandescent.......... 6-112

Greenhaven, Marietta, GA
Photography: Eric Prine, Attic Fire Photography
The H750ICAT is a dedicated LED new construction housing to be used with HALO H7 Collection 600 Series and 900 Series LED modules. The H750ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H750ICAT connector system provides high efficacy code compliance when used with HALO H7 Collection LED modules.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Openings are gasketed for AIR-TITE installation.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Galvanized steel die-formed construction.
- Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven 1/2” trade size conduit knockouts with true pry-out slots.
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
- Three Quick-connect push type wire connectors included.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**LED CONNECTION**
- Halo LED ML706 600 Series and ML709 900 Series modules simply install with a plug-in 120V line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- UL/cUL listed for Direct Contact with Insulation and combustible material
- Rated for 15W maximum

**COMPLIANCE**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for State of California Title 24 high efficacy compliance with designated LED Modules and Trims.
- Can be used for International Energy Conservation Code (IECC) high efficiency compliance with designated LED Modules and Trims.
- Refer to specification sheets online for compliance information.

IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted airflow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
H750RICAT
SustainableLED Design

6" Aperture, Remodel, ICAT
High Efficacy LED Housing

The H750RICAT is a dedicated LED Remodel housing to be used with Halo H7 Collection 600 Series and 900 Series LED modules. The H750RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H750RICAT LED connector system provides High Efficacy code compliance when used with HALO H7 Collection 600 Series and 900 Series LED modules.

FEATURES

HOUSING
• Single wall aluminum housing.
• Openings are gasketed for AIR-TITE installation.
• Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)
• For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

REMODEL SPRINGS
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2" trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
• Three Quick-connect push type wire connectors included.

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

LED CONNECTION
• Halo LED ML706 600 Series and ML709 900 Series modules simply install with a plug-in 120V line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
• This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL listed for Feed Through
• UL/cUL listed for Direct Contact with Insulation and combustible material
• Rated for 15W maximum

COMPLIANCE
• Use with designated LED modules and trims for ENERGY STAR® qualification.
• Can be used for State of California Title 24 high efficacy compliance with designated LED Modules and Trims.
• Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
• Refer to specification sheets online for compliance information.

IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H750T**

6” Aperture, New Construction, Non-IC, AIR-TITE™

High Efficacy LED Housing

The H750T is a dedicated LED new construction housing to be used with HALO H7 Collection 600 Series and 900 Series LED modules. The H750T is designed for non-insulated ceilings. If insulation is present it must be kept three inches from all sides of the housing. This AIR-TITE™ housing design prevents airflow between plenum and conditioned spaces and saves on both heating and air conditioning costs. The H750T LED connector system provides high efficacy code compliance when used with HALO H7 Collection LED modules.

**FEATURES**

**HOUSING**
- Single wall aluminum housing with white semi-gloss paint finish.
- Openings are gasketed for AIR-TITE installation.

**PLASTER FRAME**
- Galvanized steel die-formed construction.
- Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness.
- Plaster frame features include:
  - Patented recessed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-SIDE™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2
  - Three Quick-connect push type wire connectors included.

**“QUICK CONNECT” CONNECTORS**
- Three quick connect wiring connectors included.

**LED CONNECTION**
- Halo H7 Collection LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
  - 120V - ML706 600 Series and ML709 900 Series
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- Rated for 15W maximum

**COMPLIANCE**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for State of California Title 24 high efficacy compliance with designated LED Modules and Trims.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
- Certified Under ASTM-E283 standard for air tight construction
- Refer to specification sheets online for compliance information.
H750TCP

6" Aperture, New Construction or Remodel, Non-IC, Chicago Plenum rated High Efficacy LED Housing

The H750TCP is a dedicated LED new construction/remodel Non-IC housing to be used with HALO H7 Collection 600 Series and 900 Series LED modules. The H750TCP is designed for Chicago Plenum ceilings. Insulation must be kept a minimum of 3 inches from all sides of the housing. The H750TCP LED connector system provides High Efficacy code compliance when used with HALO LED modules.

**FEATURES**

**HOUSING**
- Single wall aluminum housing with white semi-gloss paint finish.
- Constructed and gasketed to meet Chicago CCEA requirements.

**PLASTER FRAME**
- "Boat Shaped" plaster frame design for new construction or remodel in existing ceilings.
- Galvanized steel die-formed construction.
- Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness.

**BAR HANGERS**
- Bar hangers overlap for housing adjustment within joist spans.
- Crimp tabs on plaster frame lock bars into position.
- Optional TB-7 T-bar clips secure bar hangers to suspended grid ceilings.

**JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven 1/2” trade size conduit knockouts with true pry-out slots.

**"QUICK CONNECT" CONNECTORS**
Three quick connect wiring connectors included.

**LED CONNECTION**
- Halo H7 Collection LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
  - 120V - ML706 600 Series and ML709 900 Series
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- Rated for 15W maximum

**COMPLIANCE**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
- City of Chicago Plenum Listing
- Certified Under ASTM-E283 standard for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H750TD010**

**6˝ Aperture, New Construction, Non-IC**

**High Efficacy LED Housing, for Halo 1200 Series LED module**

The H750TD010 is a dedicated LED new construction housing to be used with HALO LED ML712x 1200 Series of LED modules with 0-10V DC dimming capability. The H750TD010 is designed for non-insulated ceilings and 0-10V DC dimming (2 - low voltage control wires included). If insulation is present it must be kept three inches from all sides of the housing. The H750TD010 LED connector system provides high efficacy code compliance as a non-screw base, for connection with Cooper Lighting’s HALO LED modules and designated trims.

**FEATURES**

**HOUSING**
- Single wall aluminum housing with white semi-gloss paint finish.

**PLASTER FRAME**
- Galvanized steel die-formed construction.
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO identity embossed on plaster frame.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seperate compartment for 0-10V DC low voltage dimming connections.
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
- Three quick connect wiring connectors included.

**LED CONNECTION**

**POWER:**
- Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**DIMMING:**
- Compatible with Halo 1200 Series LED modules.
- The housing is pre-wired with two low voltage DC control wires - color coded violet and gray - for connection to 0-10V DC low voltage dimming controls.
- The Halo 1200 Series LED module’s 0-10V DC dimming connector simply plugs into the pre-wired connector provided in the housing.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- Rated for 25W maximum

**COMPLIANCE**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for State of California Title 24 high efficacy compliance with designated LED Modules and Trims.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
- Refer to specification sheets online for compliance information.
**H750RTD010**

**6” Aperture, Remodel, Non-IC**

**High Efficacy LED Housing, for Halo 1200 Series LED modules**

The H750RTD010 is a dedicated LED Remodel housing to be used with Halo LED ML712x 1200 Series of LED modules with 0-10V DC dimming capability. The H750RTD010 is designed for remodel applications in non-insulated ceilings and 0-10V DC dimming (2 - low voltage control wires included). If insulation is present it must be kept three inches from all sides of housing. The H750RTD010 LED connector system provides High Efficacy code compliance as a non-screwbase, for connection with LED modules and designated trims.

**FEATURES**

**Housing**
- Single wall aluminum housing with white semi-gloss paint finish.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

**Remodel Springs**
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

**Slide-N-Side™ Junction Box**
- Separate compartment for 0-10V DC low voltage dimming connections.
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“Quick Connect” Connectors**
Three quick connect wiring connectors included.

**LED Connection**

**Power:**
- Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**Dimming:**
- Compatible with Halo 1200 Series LED modules.
- The housing is pre-wired with two low voltage DC control wires - color coded violet and gray - for connection to 0-10V DC low voltage dimming controls.
- The Halo 1200 Series LED module’s 0-10V DC dimming connector simply plugs into the pre-wired connector provided in the housing.

**Labels**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- UL/cUL listed for Direct Contact with Insulation and combustible material
- Rated for 15W maximum

**Compliance**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for State of California Title 24 high efficacy compliance with designated LED Modules and Trims.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
- Refer to specification sheets online for compliance information.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H750TCPD010**

6” Aperture, New Construction or Remodel, Non-IC, Chicago Plenum rated High Efficacy LED Housing, for Halo 1200 Series LED modules

The H750TCPD010 is a dedicated LED new construction/remodel Non-IC housing to be used with HALO H7 Collection LED ML712x 1200 Series of LED modules and 0-10V DC dimming (2-low voltage control wires included). The H750TCPD010 is designed for Chicago Plenum ceilings. Insulation must be kept a minimum of 3 inches from all sides of housing. The H750TCP LED connector system provides High Efficacy code compliance when used with HALO LED module.

**FEATURES**

**HOUSING**
- Single wall aluminum housing with white semi-gloss paint finish.
- Constructed and gasketed to meet Chicago CCEA requirements.

**PLASTER FRAME**
- “Boat Shaped” plaster frame design for new construction or remodel in existing ceilings.
- Galvanized steel die-formed construction.
- Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness.

**BAR HANGERS**
- Bar hangers overlap for housing adjustment within joist spans.
- Crimp tabs on plaster frame lock bars into position.
- Optional TB-7 T-bar clips secure bar hangers to suspended grid ceilings.

**JUNCTION BOX**
- Separate compartment for 0-10V DC low voltage dimming connections.
- Positioned to accommodate straight conduit runs.
- Seven 1/2” trade size conduit knockouts with true pry-out slots.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**LED CONNECTION**

**POWER:**
- Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect).
- This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources.

**DIMMING:**
- Compatible with Halo 1200 Series LED modules.
- The housing is pre-wired with two low voltage DC control wires - color coded violet and gray - for connection to 0-10V DC low voltage dimming controls.
- The Halo 1200 Series LED module’s 0-10V DC dimming connector simply plugs into the pre-wired connector provided in the housing.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL listed for Feed Through
- Rated for 25W maximum

**COMPLIANCE**
- Use with designated LED modules and trims for ENERGY STAR® qualification.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED Modules and Trims.
- City of Chicago Plenum Listing
- Certified Under ASTM-E283 standard for air tight construction
- Refer to specification sheets online for compliance information.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ML706 - 600 Series LED Module

6" LED Module, New Construction or Retrofit Available in 2700°K, 3000°K, 3500°K and 4000°K Correlated Color Temperatures

The Halo LED ML7068xx modules are designed for retrofit applications with an Edison screw base adapter (included with the module) for use in many existing housings OR may also be used in new construction with the LED dedicated housing Series H750x. Halo LED 600 Series modules exceed the light output of 65W BR30 lamps; and the 600 Series offers selection of four color temperatures: 2700K, 3000K, 3500K, 4000K. Halo LED module and trim combination offers a superior optical design that yields productive beam lumens, good cutoff and low glare.

FEATURES

Exceeds the light output and distribution of a 65W BR30 incandescent lamp or an 18W compact fluorescent luminaire (lamp and reflector trim), while consuming less than 14 watts.

DIMMING

• The HALO LED 600 Series luminaire is dimmable to 15% with standard 120V electronic low voltage dimmers (recommended), incandescent or magnetic low voltage dimmers; and dims to 5% using dimmers with low end trim adjustment.
• Standard incandescent dimmers require a minimum load of typically over 40 watts on the circuit for full range dimming performance (four LED modules).
• For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
• Refer to dimming application notes and to dimmer manufacturers for compatibility.

COLOR SPECIFICATION & QUALITY STANDARDS

• Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED.
• Halo LED chromaticity specification exceeds ENERGY STAR® SSL color standards (as per ANSI C78.377-2008).
• Every Halo LED Module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT.
• Halo LED’s serialized testing and measurement process further ensures color and lumen consistency to meet stringent Cooper Lighting specifications and exceed ENERGY STAR® SSL standards.
• Halo LED Modules and light engines include color designation in the model number.
• Example: ML706827
  8 27
  2700°K nominal CCT
  > 80 CRI

OPTICAL DESIGN

Halo LED trims optical design yields productive beam lumens, 30° cutoff, and low glare.

COMPATIBILITY*

The Halo ML7068xx LED modules are designed for use in the dedicated H750x series housings OR for retrofit applications in most existing Halo, ALL-PRO™ and other housings. The Halo 600 Series LED modules are designed for use in either IC (insulated ceiling) or non-IC construction.

SCREW BASE ADAPTER

• Edison-screw-base adapter supplied with module allows simple wiring connection to existing housing.
• Replacement adapter, order model: HE26LED

MODULE CONSTRUCTION

Durable die-cast and extruded aluminum construction conducts heat away from the LED keeping the junction temperatures below specified maximums even when installed in insulated ceiling environments.

AIR-TITE™ RATING

The Halo LED module has passed restricted air flow testing, and qualifies any housing to meet air-tight building codes. Certified under ASTM-E283 standards.

LED DRIVER

The LED module is controlled by a high efficiency driver with a power factor of >.90 at an input power of 120V, 50/60Hz. Driver has integral thermal protection in the event of over temperature or internal failure.

LED MODULE IN NEW OR EXISTING CONSTRUCTION - HOUSINGS OTHER THAN HALO OR ALL-PRO

If used in recessed housings other than Halo or All-Pro the Cooper Lighting warranty applies to the LED Module and Trim only. As with any electrical installation, a qualified electrician must ensure compatibility of use with a particular housing; this includes all applicable national and local electrical and building codes. Installer is responsible to securely retain the LED Module and Trim in a housing at time of installation.

LABELS

• UL/cUL Listed

COMPLIANCE

Can be used to meet the following requirements:
• ENERGY STAR® qualification with designated LED trims.
• State of California Title 24 High Efficiency Compliance with designated trims.
• International Energy Conservation Code (IECC) High Efficacy Compliance with designated trims.

IC and AIR-TITE™

Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Code (NY-ECC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Qualified and Compliant with designated LED modules and trims. Refer to specification sheets online for compliance information.

www.cooperlighting.com

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ML709 - 900 Series LED Module

**6˝ LED Module, New Construction or Retrofit**

Available in 2700\(^\circ\)K, 3000\(^\circ\)K, 3500\(^\circ\)K and 4000\(^\circ\)K Correlated Color Temperatures

The Halo LED ML7098xxxCAT120D modules are designed for retrofit applications with an Edison screw base adapter (included with the module) for use in many compatible existing housings OR may also be used in new construction with the LED dedicated housing Series H750x. Halo LED 900 Series modules exceed the light output of 75W PAR30 or 85W BR40 lamps; and the 900 Series offers a selection of four color temperatures: 2700K, 3000K, 3500K and 4000K. Halo LED module and trim combination offers a superior optical design that yields productive beam lumens, good cutoff and low glare.

**FEATURES**

- Exceeds the light output and distribution of a 75W PAR30, 75W PAR38, or 85W BR40 lamp, or a 26W compact fluorescent luminaire (lamp and reflector trim), while consuming less than 15 watts.

**DIMMING**

- The HALO LED 900 Series luminaire is dimmable to 15% with standard 120V electronic low voltage dimmers (recommended), incandescent or magnetic low voltage dimmers; and dim to 5% using dimmers with low end trim adjustment.
- Standard incandescent dimmers require a minimum load of typically over 40 watts on the circuit for full range dimming performance (four LED modules).
- For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
- Refer to dimming application notes and to dimmer manufacturers for compatibility.

**COLOR SPECIFICATION & QUALITY STANDARDS**

- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED.
- Halo LED chromaticity specification exceeds ENERGY STAR® SSL color standards (as per ANSI C78.377-2008).
- Every Halo LED Module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT.
- Halo LED’s serialized testing and measurement process further ensures color and lumen consistency to meet stringent Cooper Lighting specifications and exceed ENERGY STAR® SSL standards.
- Halo LED Modules and light engines include color designation in the model number.
- Example: ML709827ICAT120D 8 27
  2700K nominal CCT  > 80 CRI

**OPTICAL DESIGN**

Halo LED trims optical design yields productive beam lumens, 50° cutoff, and low glare.

**COMPATIBILITY**

- The Halo ML7098xxxCAT120D LED modules are designed for use in the dedicated H750x series housings OR for retrofit applications in most existing Halo or ALL-PRO™ and other compatible housings. The Halo LED module is designed for use in either IC (insulated ceiling) or non-IC construction.

**SCREW BASE ADAPTER**

- Edison screw-base adapter supplied with module allows simple wiring connection to existing housing.
- Replacement adapter, order model: HE26LED

**MODULE CONSTRUCTION**

- Durable die-cast and extruded aluminum construction conducts heat away from the LED keeping the junction temperatures below specified maximums even when installed in insulated ceiling environments.

**AIR-TITE™ RATING**

- The Halo LED module has passed restricted air flow testing, and qualifies any housing to meet air-tight building codes. Certified under ASTM-E283 standards.

**LED DRIVER**

- The LED module is controlled by a high efficiency driver with a power factor of >.90 at an input power of 120V, 50/60Hz. Driver has integral thermal protection in the event of over temperature or internal failure.

**LED MODULE IN NEW OR EXISTING CONSTRUCTION - HOUSINGS OTHER THAN HALO OR ALL-PRO**

- If used in recessed housings other than Halo or All-Pro the Cooper Lighting warranty applies to the LED Module and Trim only. As with any electrical installation, a qualified electrician must ensure compatibility of use with a particular housing;

**COMPLIANCE**

Can be used to meet the following requirements:
- ENERGY STAR® qualification with designated LED trims.
- State of California Title 24 High Efficacy Compliance with designated trims.
- IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
  - Washington State Energy Code
  - International Energy Conservation Code (IECC)
  - New York State Energy Conservation Construction Code (NY-ECCC)
  - State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Qualified and Compliant with designated LED modules and trims. Refer to specification sheets online for compliance information. www.cooperlighting.com

**LABELS**

- UL/cUL Listed

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ML712 - 1200 Series LED Module

6" LED Module, New Construction or Retrofit
Available in 2700°K, 3000°K, 3500°K and 4000°K Correlated Color Temperatures

The Halo LED 1200 Series High Lumen Modules are universal voltage (120V-277V) rated for commercial and residential applications. The Halo LED ML7128xxTUNVD010 Modules are designed for retrofit applications with an Edison screw base adapter (included) for use in many compatible existing Non-IC housings or may also be used in new construction with the LED dedicated Non-IC housing Series H750TD010. Halo LED 1200 Series Modules exceed the light output of 90W PAR38 or 120W BR40 lamps; and the 1200 Series offers a selection of four color temperatures: 2700K, 3000K, 3500K, 4000K.

Halo LED module and trim combination offers superior optical design that yields productive beam lumens, good cutoff and low glare.

FEATURES

The Halo LED 1200 Series offers comparable light output and distribution of a 90W PAR38 halogen lamp, a 120W BR40 incandescent lamp, or a 32W compact fluorescent luminaire (lamp & reflector trim), while consuming less than 25 watts.

DIMMING

• The Halo LED 1200 Series luminaire offers 0-10V dimming range 100% to 10% with 0-10V dimming controls.
• Refer to dimming application notes and to dimmer manufacturers for compatibility.

OPTICAL DESIGN

Halo LED trims optical design yields productive beam lumens, 50° cutoff, and low glare.

COLOR SPECIFICATION & QUALITY STANDARDS

• Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED.
• Halo LED chromaticity specification exceeds ENERGY STAR® SSL color standards (as per ANSI C78.377-2008).
• Every Halo LED Module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT.
• Halo LED’s serialized testing and measurement process further ensures color and lumen consistency to meet stringent Cooper Lighting specifications and exceed ENERGY STAR® SSL standards.
• Halo LED Modules and light engines include color designation in the model number.
• Example: ML712827TUNVD010 8-27 2700K nominal CCT > 80 CRI

COMPATIBILITY*

The Halo ML7128xxTUNVD010 LED modules are designed for use in the dedicated H750Tx series Non-IC housings or for retrofit applications in existing Halo or ALL-PRO™ and other compatible Non-IC housings.

The ML7128xxTUNVD010 Halo LED modules are designed for use in Non-IC construction only. Compatible Halo and ALL-PRO Non-IC housings include model numbers:

- Dedicated LED Housings:
  - H750TD010, H750RTD010 and H750TCPD010 Non-IC Housing with 0-10V dimming connections included (use for 0-10V dimming)
  - H750T, H750TCP Non-IC Housing (Non-Dim functionality only as these housings do not provide 0-10V dimming connections)
- Halo and All-Pro Incandescent Housings:
  - (Non-Dim functionality only as these housings do not provide 0-10V dimming connections)

SCREW BASE ADAPTER

• Edison screw-base adapter supplied with module allows simple wiring connection to existing housing.
• Replacement adapter, order model: HE26LED

MODULE CONSTRUCTION

Durable die-cast and extruded aluminum construction conducts heat away from the LED keeping the junction temperatures below specified maximums even when installed in insulated ceiling environments.

AIR-TITE™ RATING

The Halo LED module has passed restricted air flow testing. Certified under ASTM-E283 standards. (Note: 1200 Series is for use with Non-IC housings only.)

LED DRIVER

The LED module is controlled by a high efficiency driver with a power factor of >.90 at an input power of 90V-305V, 50/60Hz. Driver has integral thermal protection in the event of over temperature or internal failure.

LED MODULE IN NEW OR EXISTING CONSTRUCTION - HOUSINGS OTHER THAN HALO OR ALL-PRO

If used in recessed housings other than Halo or All-Pro the Cooper Lighting warranty applies to the LED Module and Trim only. As with any electrical installation, a qualified electrician must ensure compatibility of use with a particular housing; this includes all applicable national and local electrical and building codes. Installer is responsible to securely retain the LED Module and Trim in a housing at time of installation.

LABELS

• UL/cUL Listed

COMPLIANCE

Can be used to meet the following requirements:

• ENERGY STAR® qualification with designated LED trims.
• State of California Title 24 High Efficacy Compliance with designated trims.
• International Energy Conservation Code (IECC) High Efficacy Compliance with designated trims.

IC and AIR-TITE™

Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:

• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-IECC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Qualified and Compliant with designated LED modules and trims. Refer to specification sheets online for compliance information.

www.cooperlighting.com

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**Frost Regressed Lens Trim**

- Wet location listed for use in covered ceiling applications
- Aluminum baffle and die-cast trim ring
- Frosted glass regressed lens

Outside Diameter: 7-1/4” [184mm]
Aperture: 4-7/8” [124mm]
Trim Height: 1-1/2” [38mm]

**492PS06**
White Baffle with Frost Lens, White Trim Ring

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**Solite® Regressed Lens Baffle Trims**

- Aluminum baffle and die-cast trim ring
- Upper specular aluminum reflector for optical control and enhanced lumen delivery
- Wet location listed for use in covered ceiling applications
* Solite® glass lensed white baffle model offers ANTIMICROBIAL paint finish - standard

Outside Diameter: 7-1/4” [184mm]
Aperture: 4-1/4” [107mm]
Trim Height: 2-1/8” [54mm]

**493WBS06**
White Baffle with Solite® Lens, White Trim Ring

**493BB506**
Black Baffle with Solite® Lens, White Trim Ring

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**Solite® Regressed Lens Reflector Trims**

- Aluminum reflector and die-cast trim ring
- Upper specular aluminum reflector for optical control and enhanced lumen delivery
- Wet location listed for use in covered ceiling applications
* Solite® glass lensed white reflector model offers ANTIMICROBIAL paint finish - standard

Outside Diameter: 7-1/4” [184mm]
Aperture: 4-1/4” [107mm]
Trim Height: 2-1/8” [54mm]

**493PS06**
White Reflector with Solite® Lens, White Trim Ring

**493SC506**
Specular Clear Reflector with Solite® Lens, White Trim Ring

**493HS06**
Haze Reflector with Solite® Lens, White Trim Ring

**493SNS06**
Satin Nickel Reflector with Solite® Lens, White Trim Ring

**493TBZS06**
Tuscan Bronze Reflector with Solite® Lens, White Trim Ring

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**Open Reflector Trims**

- Precision formed aluminum reflector
- Die-cast trim ring

Outside Diameter: 7-1/4” [184mm]
Aperture: 4-7/8” [125mm]
Trim Height: 2-1/4” [57mm]

**494P06**
White Reflector, White Trim Ring

**494SC06**
Specular Clear Reflector, White Trim Ring

**494H06**
Haze Reflector, White Trim Ring

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**Open Baffle Trim**

- Precision formed aluminum baffle
- Die-cast trim ring

Outside Diameter: 7-1/4” [184mm]
Aperture: 4-7/8” [125mm]
Trim Height: 2-1/4” [57mm]

**494WB06**
White Baffle, White Trim Ring

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**OT490**

- Optional accessory designed to replace the standard Halo LED trim ring.
- For direct attachment to ML7x LED modules: 600 Series, 900 Series and 1200 Series.
- Precision die-cast aluminum ring may be used to hide gaps in the ceiling when retrofitting Halo LED or for covering cut-out irregularities.

**TRM490**

- Optional accessory
- Replaces standard ring included with each trim
- Die cast trim ring
- Thin Profile provides subtle ceiling appearance (0.120” at OD and 0.180” at ID)

**Oversized Trim Ring**

- Inside Diameter: 5-3/16” [132mm]
- Outside Diameter: 9-1/4” [235mm]

**Designer Trim Rings**

- Inside Diameter: 5-3/16” [132mm]
- Outside Diameter: 7-1/4” [184mm]

**ML7RAB**

Halo LED Retrofit Adapter Band - 4-pack

The Halo LED Module is designed to fit into dedicated Halo LED housings, most existing Halo or All-Pro standard housings, or other existing 6” compatible aperture housings.

ML7RAB Retrofit Adapter Band is designed for housings without Torsion Spring Receivers. The ML7RAB provides torsion spring mounting capability for Halo LED ML7 600 Series and 900 Series Modules, in designated housings, with proper installation of the adapter band.

Refer to product specifications online for additional housing compatibility information at www.cooperlighting.com.
H7ICT

6" Aperture, New Construction, IC
120V Line Voltage

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. H7ICT is for installations where the housing will be in direct contact with insulation. H7ICT may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

FEATURES

HOUSING
Aluminum construction for greater heat dissipation.

SOCKET PLATE
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

PLASTER FRAME
- Housing adjusts in plaster frame to accommodate up to 1-3/4" ceiling thickness.
- Galvanized steel construction.
- Plaster frame features include:
  - Recessed locking screw for securing hanger bars.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
- The housing may be removed from plaster frame to provide access to the junction box.

SLIDE-N-SIDE™ JUNCTION BOX
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/CUL Listed for direct contact with insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. H7ICAT is for installations where the housing will be in direct contact with insulation, and also meet restricted air flow requirements.

**FEATURES**

**HOUSING**
- Aluminum construction for greater heat dissipation.
- Sealed and gasketed for AIR-TITE™ installation.
- Housing adjusts for ceilings up to 1-3/8” thick.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**SOCKET PLATE**
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1-3/8” ceiling thickness.
- Galvanized steel construction.
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - The housing may be removed from plaster frame to provide access to the junction box.
  - Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H7RICT**

**6” Aperture, Remodel, IC**  
**120V Line Voltage**

The H7 family of recessed housings are the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7RICT is designed for installations where the housing will be in direct contact with insulation. H7RICT may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

**FEATURES**

**HOUSING**
- Aluminum construction for greater heat dissipation.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

**SOCKET PLATE**
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

**JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four NM cable pryouts included.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**REMODEL SPRINGS**
Four remodel springs secure housing and accommodate 1/2” and 5/8” ceiling material.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/CUL Listed for direct contact with insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H7 family of recessed housings are the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7RICAT housing is designed for installations where the housing will be in direct contact with insulation, and also meet restricted air flow requirements.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.
• Socket plate and bracket may be removed when using socket supporting trims.

JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Four NM cable prysouts included.

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

REMODEL SPRINGS
Four remodel springs secure housing and accommodate 1/2” and 5/8” ceiling material.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through
• UL/cUL Listed for direct contact with insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### 30 H7ICT • H7ICAT • H7RICT • H7RICAT

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

#### 30HAT
- White Trim with Haze Reflector

#### 30RGAT
- White Trim with Gold Reflector

#### 30CAT
- White Trim with Clear Specular Reflector

Height: 5” [127mm]
Outside Diameter: 7-1/4” [184mm]

### 30SBAT H7ICT • H7ICAT • H7RICT • H7RICAT

- Black Specular Reflector and Trim
- Self-flanged socket supporting trim with torsion spring retention
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

#### 30SBAT
- Black Specular Reflector

Height: 5” [127mm]
Outside Diameter: 7-1/4” [184mm]

### 404

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

#### 404C
- White Trim with Clear Specular Reflector

#### 404H
- White Trim with Haze Reflector

#### 404SN
- Satin Nickel Trim with Satin Nickel Reflector

#### 404AC
- Antique Copper Trim with Antique Copper Reflector

#### 404TBZ
- Tuscan Bronze Trim with Tuscan Bronze Reflector

#### 404RG
- White Trim with Gold Reflector

Height: 5” [127mm]
Outside Diameter: 7-1/4” [184mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**4041**

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7ICT</th>
<th>H7ICAT</th>
<th>H7RICIT</th>
<th>H7RICAT</th>
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</thead>
<tbody>
<tr>
<td>6W A19</td>
<td></td>
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</tr>
</tbody>
</table>

**Self Flanged White Reflector**

- Height: 5-1/4” [133mm]
- Outside Diameter: 7-1/4” [184mm]

**429**

- Sloped sides shield interior view of housing
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7ICT</th>
<th>H7ICAT</th>
<th>H7RICIT</th>
<th>H7RICAT</th>
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</thead>
<tbody>
<tr>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L</td>
<td></td>
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<td></td>
</tr>
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</table>

**Dayform White Cone**

- Height: 3” [76mm]
- Outside Diameter: 7-1/4” [184mm]

**426**

- Accepts a wide variety of lamps
- Coil spring retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7ICT</th>
<th>H7ICAT</th>
<th>H7RICIT</th>
<th>H7RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L</td>
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</table>

**Reflector Cone**

- H930 lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.
4261

- Accepts R and PAR lamps
- Coil Spring retention

<table>
<thead>
<tr>
<th>Height: 2-5/8” (67mm)</th>
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</thead>
<tbody>
<tr>
<td>Outside Diameter: 7-1/4” (184mm)</td>
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</tbody>
</table>

Self Flange White Reflector Cone

4261P
White Self Flanged Reflector Cone

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

30

- Metal Baffle
- Self-flanged socket supporting trim with torsion spring retention
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

<table>
<thead>
<tr>
<th>Height: 5” (127mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside Diameter: 7-1/4” (184mm)</td>
</tr>
</tbody>
</table>

Super Trim™ AIR-TITE Baffle

310

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

<table>
<thead>
<tr>
<th>Height: 3-1/16” (78mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside Diameter: 7-1/4” (184mm)</td>
</tr>
</tbody>
</table>

Coilex® Baffle

H930
R/PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.
312
- Black or White Phenolic Coilex Baffle with separate metal trim ring
- 312 baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention

Coilex® Baffle

353
- Metallic Finish Trim Rings and Baffles
- Coil Spring retention

Metal Baffle

74
- Provides optimum position for PAR30 lamps
- Torsion Spring retention

Eyeball - 30° Tilt

76
- For use with PAR38 lamps
- Includes adapter for side prong lamp
- 50° tilt with side prong lamp
- 30° tilt with screw base lamp
- Torsion Spring retention

Adjustable Gimbal

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
77

- For use with R20 and PAR20 lamps
- Torsion spring retention

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<tr>
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<tbody>
<tr>
<td>H7ICT</td>
<td>H7ICAT</td>
<td>50W PAR20, 75W R20</td>
</tr>
<tr>
<td>H7RCT</td>
<td>H7RICAT</td>
<td>75W PAR30L</td>
</tr>
</tbody>
</table>

Aperture: 2-3/4 [75mm]
Outside Diameter: 8” [203mm]

77P
White Trim with White Eyeball

78

- Torsion spring retention
- Wide choice of finishes for any decor
- 30° Tilt, 360° rotation

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<tbody>
<tr>
<td>H7ICT</td>
<td>H7ICAT</td>
<td>65W BR30, 75W R30, 75W PAR30L</td>
</tr>
<tr>
<td>H7RCT</td>
<td>H7RICAT</td>
<td></td>
</tr>
</tbody>
</table>

Height: 4-1/8” [105mm]
Aperture: 3-15/16” [100mm]
Outside Diameter: 8” [203mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

78P
White Trim with White Eyeball

78PAT
White Trim with White Eyeball - AIR-TITE trim

78SN
Satin Nickel Trim with Satin Nickel Eyeball

78AC
Antique Copper Trim with Antique Copper Eyeball

78TBZ
Tuscan Bronze Trim with Tuscan Bronze Eyeball

78B
Satin Brass Trim with Satin Brass Eyeball

78PB
Polished Brass Trim with Polished Brass Eyeball

90

- Torsion spring retention
- Provides up to 60° of tilt

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<thead>
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<tbody>
<tr>
<td>H7ICT</td>
<td>H7ICAT</td>
<td>150W PAR38</td>
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</tbody>
</table>

Outside Diameter: 8” [203mm]

90P
White Trim and Eyeball

376

- Regressed Gimbal with Baffle
- Torsion spring retention

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<thead>
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</thead>
<tbody>
<tr>
<td>H7ICT</td>
<td>H7ICAT</td>
<td>50W PAR30, 50W PAR30L</td>
</tr>
<tr>
<td>H7RCT</td>
<td>H7RICAT</td>
<td></td>
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</tbody>
</table>

Outside Diameter: 7-1/4” [184mm]

376P
White Trim Ring, Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
378
- Regressed Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

<table>
<thead>
<tr>
<th>Type</th>
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<tr>
<td>H7ICT</td>
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<tr>
<td>H7ICAT</td>
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<tr>
<td>H7RICT</td>
<td></td>
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<tr>
<td>H7RICAT</td>
<td></td>
</tr>
</tbody>
</table>

**Adjustable with Splay**

- Outside Diameter: 7-1/4” [184mm]

478
- Adjustable Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

<table>
<thead>
<tr>
<th>Type</th>
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<td>H7ICT</td>
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<tr>
<td>H7ICAT</td>
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</table>

**Adjustable with Splay**

- Outside Diameter: 7-1/4” [184mm]

420
- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
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<td>H7RCT</td>
<td></td>
</tr>
<tr>
<td>H7RICAT</td>
<td></td>
</tr>
</tbody>
</table>

**Regressed Eyeball - 30° Tilt**

- Height: 3-15/16” [100mm]
- Aperture: 4” [102mm]
- Outside Diameter: 7-1/4” [184mm]

170
- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Type</th>
<th>40W A19</th>
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</thead>
<tbody>
<tr>
<td>H7ICT</td>
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<tr>
<td>H7ICAT</td>
<td></td>
</tr>
<tr>
<td>H7RICAT</td>
<td></td>
</tr>
</tbody>
</table>

**Albalite Lens with Reflector**

- Height: 4” [101mm]
- Outside Diameter: 8” [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**171**
- White Trim with drop opal glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171P</td>
<td>White Trim with Drop Opal Lens</td>
</tr>
<tr>
<td>171PS</td>
<td>White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

**173**
- White Trim with glass Fresnel lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>173P</td>
<td>White Trim with Fresnel Lens</td>
</tr>
<tr>
<td>173PS</td>
<td>White Trim with Fresnel Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

**172**
- Frosted Glass Dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>172PS</td>
<td>White Trim with Frosted Glass Dome, Wet Location Listed</td>
</tr>
<tr>
<td>172SNS</td>
<td>Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed</td>
</tr>
<tr>
<td>172ACS</td>
<td>Antique Copper Trim with Frosted Glass Dome, Wet Location Listed</td>
</tr>
</tbody>
</table>

**300**
- Open trim for BR and PAR Lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300P</td>
<td>White Trim</td>
</tr>
<tr>
<td>300SN</td>
<td>Satin Nickel Trim</td>
</tr>
<tr>
<td>300AC</td>
<td>Antique Copper Trim</td>
</tr>
<tr>
<td>300TBZ</td>
<td>Tuscan Bronze Trim</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**327**

- Includes integral socket support
- Torsion spring retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
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<td>H7ICAT</td>
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<td>H7RICAT</td>
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<tr>
<td>H7RICT</td>
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</tbody>
</table>

**White Splay Trim**

Height: 4-1/2" [114mm]
Outside Diameter: 7-3/4" [197mm]

**328**

- Coil Spring Retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>H7ICT</td>
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<tr>
<td>H7ICAT</td>
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<tr>
<td>H7RICAT</td>
<td></td>
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<tr>
<td>H7RICT</td>
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</tbody>
</table>

**White Splay Trim**

Aperture: 3-7/8" [98mm]
Outside Diameter: 7-3/4" [197mm]

**430**

- Designed to spread light close to the ceiling to eliminate the “cave effect”
- Torsion spring retention
- AIR-TITE construction

<table>
<thead>
<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>H7ICT</td>
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<tr>
<td>H7ICAT</td>
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<tr>
<td>H7RICAT</td>
<td></td>
</tr>
<tr>
<td>H7RICT</td>
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</tbody>
</table>

**Wall Wash with Baffle and Full Reflector**

Height: 5" [127mm]
Outside Diameter: 7-1/4" [184mm]

**430W**

White Trim with White Baffle

**430P**

White Trim with Black Baffle
The H7 recessed housings are the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7ICTNB is designed for installations where the housing will be in direct contact with insulation. The H7ICTNB is designed to save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket from the socket plate and the socket plate from the housing. H7ICTNB may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

**FEATURES**

**HOUSING**
- Aluminum construction for greater heat dissipation.
- Housing can be removed from the plaster frame for junction box access.

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Galvanized steel construction.
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
- The housing may be removed from plaster frame to provide access to the junction box.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H7 recessed housings are the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7ICATNB is designed for installations where the housing will be in direct contact with insulation. Additionally, the H7ICATNB housing meets restricted air flow requirements. The H7ICATNB is designed to save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket from the socket plate and the socket plate from the housing.

**FEATURES**

**HOUSING**
- Aluminum construction for greater heat dissipation.
- Sealed and gasketed for AIR-TITE™ installation.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- The housing may be removed from plaster frame to provide access to the junction box.
- HALO name embossed on plaster frame.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**30**

- Self-flanged socket Supporting trim with torsion spring retention
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>60W A19, 65W BR30, 65W PAR38, 75W PAR30, 75W R30, 75W PAR30L, 90W BR40</th>
</tr>
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<tbody>
<tr>
<td>H7ICATNB</td>
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</tbody>
</table>

Height: 5’ [127mm]
Outside Diameter: 7-1/4” [184mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

**30SBAT**

- Black Specular Reflector and Trim
- Self-flanged socket supporting trim with torsion spring retention
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

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<tr>
<th>H7ICTNB</th>
<th>40W A19, 50W PAR30, 50W PAR38, 65W BR30, 75W PAR30L, 75W R30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICATNB</td>
<td></td>
</tr>
</tbody>
</table>

Height: 5’ [127mm]
Outside Diameter: 7-1/4” [184mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

**404**

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>60W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICATNB</td>
<td></td>
</tr>
</tbody>
</table>

Height: 5’ [127mm]
Outside Diameter: 7-1/4” [184mm]
**4041**

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

**Halo AIR-TITE Trims** are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6-pack: GA-ATRIM-6PK.

**578x770**

**30**

- Metal Baffle
- Self-flanged socket supporting trim with torsion spring construction
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

**Halo AIR-TITE Trims** are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6-pack: GA-ATRIM-6PK.

**74**

- Provides optimum position for PAR30 lamps
- Torsion Spring retention

**76**

- For use with PAR38 lamps
- Includes adapter for side prong lamp
- 50° tilt with side prong lamp
- 30° tilt with screw base lamp
- Torsion Spring retention

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Adjustable Eyeball - 30° Tilt

• For use with R20 and PAR20 lamps
• Torsion spring retention

H7ICTNB
H7ICATNB
50W PAR20, 75W R20

Aperture: 2-3/4 [70mm]
Outside Diameter: 8” [203mm]

77P
White Trim with White Eyeball

Eyeball - 30° Tilt

• Torsion spring retention
• Wide Choice of finishes for any decor
• 30° Tilt, 360° rotation

H7ICTNB
H7ICATNB
65W BR30, 75W R30 , 75W PAR30L

Height: 4-1/8” [105mm]
Aperture: 3-15/16” [100mm]
Outside Diameter: 8” [203mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATRIM-6PK.

78P
White Trim with White Eyeball
78PAT
White Trim with White Eyeball - AIR-TITE trim
78SN
Satin Nickel Trim with Satin Nickel Eyeball

78AC
Antique Copper Trim with Antique Copper Eyeball
78TBZ
Tuscan Bronze Trim with Tuscan Bronze Eyeball
78B
Satin Brass Trim with Satin Brass Eyeball
78PB
Polished Brass Trim with Polished Brass Eyeball

Adjustable

• Regressed Gimbal with Baffle
• Torsion spring retention

H7ICTNB
H7ICATNB
50W PAR30, 50W PAR30L

Outside Diameter: 7-1/4” [184mm]

376P
White Trim Ring, Black Baffle

Adjustable with Splay

• Regressed Gimbal with Splay Trim
• Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
• Friction clip on trim

H7ICTNB
H7ICATNB
35W PAR30L

Outside Diameter: 7-1/4” [184mm]

378P
White Trim with White Splay Trim
378
White Trim with Clear Specular Splay Trim

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**478**
- Adjustable Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>H7ICATNB</th>
<th>45W PAR38</th>
</tr>
</thead>
</table>

Adjustable with Splay

<table>
<thead>
<tr>
<th>478P</th>
<th>478</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with White Splay</td>
<td>White Trim with Clear Specular Splay</td>
</tr>
</tbody>
</table>

**420**
- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>H7ICATNB</th>
<th>50W PAR30L, 50W PAR38, 60W BR30</th>
</tr>
</thead>
</table>

Regressed Eyeball - 30° Tilt

<table>
<thead>
<tr>
<th>420W</th>
<th>420P</th>
<th>420PB</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with White Eyeball and White Baffle</td>
<td>White Trim with White Eyeball and Black Baffle</td>
<td>Polished Brass Trim with Polished Brass Eyeball and Black Baffle</td>
</tr>
</tbody>
</table>

Height: 3-15/16” [100mm]
Aperture: 4” [102mm]
Outside Diameter: 7-1/4” [184mm]

**170**
- White trim with Frosted Glass Albalite lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>H7ICATNB</th>
<th>40W A19</th>
</tr>
</thead>
</table>

Albalite Lens with Reflector

<table>
<thead>
<tr>
<th>170P</th>
<th>170PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with Frosted Albalite Lens</td>
<td>White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

**171**
- White trim with Drop Opal glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>H7ICTNB</th>
<th>H7ICATNB</th>
<th>40W A19</th>
</tr>
</thead>
</table>

Drop Opal Lens with Reflector

<table>
<thead>
<tr>
<th>171P</th>
<th>171PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with Drop Opal Lens</td>
<td>White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
173

- White Trim with glass Fresnel lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICTNB</td>
<td>40W A19</td>
</tr>
<tr>
<td>H7ICATNB</td>
<td></td>
</tr>
</tbody>
</table>

Fresnel Lens with Reflector

173P
White Trim with Fresnel Lens

173PS
White Trim with Fresnel Lens, Wet Location and AIR-TITE listed

Height: 4" [101mm]
Outside Diameter: 3" [203mm]

172

- Frosted Glass Dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICTNB</td>
<td>50W PAR30, 60W A19</td>
</tr>
<tr>
<td>H7ICATNB</td>
<td></td>
</tr>
</tbody>
</table>

Dome Lens with Reflector

172PS
White Trim with Frosted Glass Dome, Wet Location Listed

172SNS
Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed

172ACS
Antique Copper Trim with Frosted Glass Dome, Wet Location Listed

172TBZS
Tuscan Bronze Trim with Frosted Glass Dome, Wet Location Listed

Height: 2-1/8" [54mm]
Outside Diameter: 7-3/4" [197mm]

300

- Open trim for BR and PAR Lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICTNB</td>
<td>65W BR30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>H7ICATNB</td>
<td></td>
</tr>
</tbody>
</table>

Open Trim with Socket Support

300P
White Trim

300SN
Satin Nickel Trim

300AC
Antique Copper Trim

300TBZ
Tuscan Bronze Trim

Aperture: 4" [102mm]
Outside Diameter: 7-1/4" [184mm]
327
- Includes integral socket support
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICTNB</td>
<td>65W BR30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>H7ICATNB</td>
<td>430W A19</td>
</tr>
</tbody>
</table>

**White Splay Trim**
- Height: 4-1/2" [114mm]
- Outside Diameter: 7-3/4" [197mm]

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>327P</td>
<td>White Splay Trim with socket support and torsion springs</td>
</tr>
</tbody>
</table>

430
- Designed to spread light close to the ceiling to eliminate the “cave effect”
- Torsion spring retention
- AIR-TITE construction

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7ICTNB</td>
<td>40W A19</td>
</tr>
<tr>
<td>H7ICATNB</td>
<td>40W A19</td>
</tr>
</tbody>
</table>

**Wall Wash with Baffle and Full Reflector**
- Height: 5" [127mm]
- Outside Diameter: 7-1/4" [184mm]

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>430W</td>
<td>White Trim with White Baffle</td>
</tr>
<tr>
<td>430P</td>
<td>White Trim with Black Baffle</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7T is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
Die-stamped CRS with white powder coat finish.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.
• Socket plate and bracket may be removed when using socket supporting trims.

PLASTER FRAME
• Galvanized steel construction.
• The housing can be removed from plaster frame to provide access to the junction box.
• Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT™ CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening for 12” joists.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H7TCP

6” Aperture, New Construction or Remodel, Non-IC, Chicago Plenum rated 120V Line Voltage

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7TCP is designed for non-insulated Chicago Plenum ceilings. Insulation must be kept a minimum of 3 inches from all sides of housing.

FEATURES

HOUSING
• Single wall housing with white semi-gloss paint finish.
• Constructed and gasketed to meet Chicago CCEA requirements.

PLASTER FRAME
• “Boat Shaped” plaster frame design for new construction or remodel in existing ceilings.
• Galvanized steel die-formed construction.
• Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven 1/2” trade size conduit knockouts with true pry-out slots.

BAR HANGERS
• Bar hangers overlap for housing adjustment within joist spans.
• Crimp tabs on plaster frame lock bars into position.
• Optional TB-7 T-bar clips secure bar hangers to suspended grid ceilings.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL listed for Feed Through

COMPLIANCE
• City of Chicago Plenum Listing

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H7RT
6” Aperture, Remodel, Non-IC
120V Line Voltage

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7RT is suited for use in non-insulated existing ceilings. Housing slips through opening in ceiling. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

**FEATURES**

**HOUSING**
- Die-stamped CRS with white powder coat finish.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

**SOCKET PLATE**
Rigid socket plate adjusts and locks without tools for various lamp sizes.

**REMODEL SPRINGS**
Four remodel springs secure housing and accommodate 1/2” and 5/8” ceiling material.

**JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four NM cable Pryouts included.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H7TNB

6” Aperture, New Construction, Non-IC
120V Line Voltage, No Socket Bracket

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7TNB is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket from the socket plate and the socket plate from the housing. The H7TNB is suited for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
Die-stamped CRS with white powder coat finish.

PLASTER FRAME
• Galvanized steel construction.
• The housing can be removed from plaster frame to provide access to the junction box.
• Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening for 12” joists.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)
**Halo® Recessed Downlighting Trims**

**Height:** 5” [127mm]  
**Outside Diameter:** 7-1/4” [184mm]

- Self-flanged socket supporting trim with torsion spring retention
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30, 75W PAR30L, 85W BR30, 100W R30, 100W A19</td>
</tr>
<tr>
<td>H7TNB</td>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L, 150W A21</td>
</tr>
</tbody>
</table>

**30HAT**  | White Trim with Haze Reflector  
**30RGAT**  | White Trim with Gold Reflector  
**30CAT**  | White Trim with Clear Specular Reflector

**Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6-pack: GA-ATTRIM-6PK.**

**30SBAT**  | Black Specular Reflector and Trim  
- Self-flanged socket supporting trim with torsion spring retention  
- Accepts a wide range of lamps  
- Makes installation AIR-TITE regardless of housing used

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>50W PAR30, 75W PAR30, 100W R30, 85W BR30, 150W R40, 120W BR40, 100W A19, 150W PAR38, 150W A21</td>
</tr>
<tr>
<td>H7TNB</td>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L, 150W A21</td>
</tr>
</tbody>
</table>

**405**  | Full reflector for use with A-lamps  
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring  
- Can lip friction clip retention

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>H7T</td>
<td>150W A21</td>
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<tr>
<td>H7RT</td>
<td>150W A21</td>
</tr>
<tr>
<td>H7TNB</td>
<td>150W A21</td>
</tr>
</tbody>
</table>

**405SSC**  | White Trim with Clear Specular Reflector  
**405H**  | White Trim with Haze Reflector  
**405RG**  | White Trim with Gold Reflector

**405CG**  | White Trim with Champagne Gold Reflector

**4051**  | Full reflector for use with A-lamps  
- Can lip friction clip retention  
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

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<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>150W A21</td>
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<tr>
<td>H7RT</td>
<td>150W A21</td>
</tr>
<tr>
<td>H7TNB</td>
<td>150W A21</td>
</tr>
</tbody>
</table>

**4051P**  | White Self Flanged Reflector

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
429

- Sloped sides shield interior view of housing
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>429</th>
<th>65W BR30, 75W R30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 3’ [76mm]
Outside Diameter: 7-1/4’ [184mm]

Dayform White Cone

426

- Accepts a wide variety of lamps
- Coil spring retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>426</th>
<th>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</td>
</tr>
</tbody>
</table>

Height: 2-11/16’ [68mm]
Outside Diameter: 7-1/4’ [184mm]

Reflector Cone

H930

R/PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation.

<table>
<thead>
<tr>
<th>426SN</th>
<th>Satin Nickel Trim with Satin Nickel Reflector Cone</th>
</tr>
</thead>
<tbody>
<tr>
<td>426AC</td>
<td>Antique Copper Trim with Antique Copper Reflector Cone</td>
</tr>
<tr>
<td>426RG</td>
<td>White Trim with Residential Gold Reflector Cone</td>
</tr>
<tr>
<td>426TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Reflector Cone</td>
</tr>
</tbody>
</table>

4261

- Accepts R and PAR lamps
- Coil Spring retention

<table>
<thead>
<tr>
<th>4261</th>
<th>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30, 120W BR40, 150W BR40, 150W PAR38</td>
</tr>
</tbody>
</table>

Height: 2-5/8’ [67mm]
Outside Diameter: 7-1/4’ [184mm]

Self Flange White Reflector Cone

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATRIM-6PK.

Super Trim™ AIR-TITE Baffle

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

<table>
<thead>
<tr>
<th>H7T</th>
<th>100W R30, 150W PAR38, 75W PAR30, 75W PAR30L, 85W BR30, 100W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7TNB</td>
<td>50W PAR30, 50W PAR30L, 100W R30, 85W BR30, 100W A19, 150W PAR38</td>
</tr>
</tbody>
</table>

Height: 5” [127mm]
Outside Diameter: 7-1/4” [184mm]

30

Coilex® Baffle

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

<table>
<thead>
<tr>
<th>H7T</th>
<th>65W BR30, 75W R30, 75W PAR30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
</tbody>
</table>

310

Coilex® Baffle

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- 312 baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention

<table>
<thead>
<tr>
<th>H7T</th>
<th>75W PAR30, 100W R30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>50W PAR30, 100W R30</td>
</tr>
</tbody>
</table>

312

Coilex® Baffle

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- 312 baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention

<table>
<thead>
<tr>
<th>H7T</th>
<th>65W BR30, 75W R30, 75W PAR30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
</tbody>
</table>

310W, P, SN, AC, TBZ

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

H930

R/PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation.
410

**Coilex® Baffle**

- Black or White Phenolic Coilex Baffle with separate trim ring
- For PAR38 and R40 lamps

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>150W PAR38, 120W BR40, 150W R40</td>
</tr>
<tr>
<td>H7RT</td>
<td>120W BR40, 150W R40</td>
</tr>
</tbody>
</table>

Height: 2-3/4” [70mm]
Outside Diameter: 7-1/4” [184mm]

---

353

**Metal Baffle**

- Metallic Finish Trim Rings and Baffles
- Coil Spring retention

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W PAR30, 75W R30</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W PAR30, 75W R30</td>
</tr>
</tbody>
</table>

Height: 3” [76mm]
Outside Diameter: 7-1/4” [184mm]

---

74

**Eyeball - 30° Tilt**

- Provides optimum position for PAR30 lamps
- Torsion Spring retention

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30</td>
</tr>
<tr>
<td>H7RT</td>
<td>75W PAR30</td>
</tr>
<tr>
<td>H7TNB</td>
<td>75W PAR30</td>
</tr>
</tbody>
</table>

Aperture: 3-7/8” [98mm]
Outside Diameter: 8” [203mm]

---

76

**Adjustable Gimbal**

- For use with PAR38 lamps
- Includes adapter for side prong lamp
- 50° tilt with side prong lamp
- 30° tilt with screw base lamp
- Torsion Spring retention

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>150W PAR38 Side Prong Lamp recommended</td>
</tr>
<tr>
<td>H7RT</td>
<td>150W PAR38 Side Prong Lamp recommended</td>
</tr>
<tr>
<td>H7TNB</td>
<td>150W PAR38 Side Prong Lamp recommended</td>
</tr>
</tbody>
</table>

Outside Diameter: 8” [203mm]

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**Halo**

**77**
- For use with R20 and PAR20 lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>50W R20</td>
</tr>
<tr>
<td>H7RT</td>
<td>50W PAR20</td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
</tbody>
</table>

Adjustable Eyeball - 30° Tilt

Aperture: 2-3/4” [70mm]
Outside Diameter: 8” [203mm]

77P
White Trim with White Eyeball

**78**
- Wide Choice of finishes for any decor
- 30° Tilt, 360° rotation
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30 , 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
</tbody>
</table>

Eyeball - 30° Tilt

78P
White Trim with White Eyeball

78PAT
White Trim with White Eyeball - AIR-TITE trim

78SN
Satin Nickel Trim with Satin Nickel Eyeball

78AC
Antique Copper Trim with Antique Copper Eyeball

78TBZ
Tuscan Bronze Trim with Tuscan Bronze Eyeball

78B
Satin Brass Trim with Satin Brass Eyeball

78PB
Polished Brass Trim with Polished Brass Eyeball

Height: 4-1/8” [105mm]
Aperture: 3-15/16” [100mm]
Outside Diameter: 8” [203mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATRIM-6PK.

**90**
- Provides up to 60° of tilt
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>250W PAR38</td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Double Bubble Adjustable - 60° Tilt

90P
White Trim and Eyeball

Outside Diameter: 8” [203mm]

**376**
- Regressed Gimbal with Baffle
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30</td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>50W PAR30</td>
</tr>
</tbody>
</table>

Adjustable - 30° Tilt

376P
White Trim Ring, Black Baffle

Outside Diameter: 7-1/4” [184mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
378
- Regressed Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Adjustable with Splay - 25° Tilt

478
- Adjustable Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>90W PAR38</td>
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</tr>
<tr>
<td>H7TNB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>150W PAR38</td>
<td></td>
</tr>
</tbody>
</table>

Adjustable with Splay - 25° Tilt

417
- 30° Tilt, 358° rotation

<table>
<thead>
<tr>
<th>Trim</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30</td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Collex® Baffle Eyeball - 30° Tilt

419
- 25° Tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Regressed Eyeball - 30° Tilt

420
- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W PAR30, 75W PAR30L</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W PAR30</td>
<td></td>
</tr>
</tbody>
</table>

Regressed Eyeball - 30° Tilt

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>70</strong></td>
<td><strong>Albalite Lens</strong>&lt;br&gt;• White Trim, Frosted Glass Albalite Lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image1" alt="Image" /></td>
</tr>
<tr>
<td><strong>170</strong></td>
<td><strong>Albalite Lens with Reflector</strong>&lt;br&gt;• White Trim with Frosted Glass Lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive gasketed polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Height: 4&quot; [102mm]&lt;br&gt;Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image2" alt="Image" /></td>
</tr>
<tr>
<td><strong>71</strong></td>
<td><strong>Drop Opal Lens</strong>&lt;br&gt;• White Trim with Drop Opal glass lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image3" alt="Image" /></td>
</tr>
<tr>
<td><strong>171</strong></td>
<td><strong>Drop Opal Lens with Reflector</strong>&lt;br&gt;• White Trim with Drop Opal glass lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive gasketed polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Height: 4&quot; [102mm]&lt;br&gt;Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image4" alt="Image" /></td>
</tr>
<tr>
<td><strong>73</strong></td>
<td><strong>Fresnel Lens</strong>&lt;br&gt;• White Trim with glass Fresnel Lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image5" alt="Image" /></td>
</tr>
<tr>
<td><strong>173</strong></td>
<td><strong>Fresnel Lens with Reflector</strong>&lt;br&gt;• White Trim with glass Fresnel lens&lt;br&gt;• PS version is wet location listed for use in showers&lt;br&gt;• Non-conductive, non-corrosive gasketed polymer trim ring&lt;br&gt;• Torsion spring retention</td>
<td>Height: 4&quot; [102mm]&lt;br&gt;Outside Diameter: 8&quot; [203mm]</td>
<td><img src="image6" alt="Image" /></td>
</tr>
</tbody>
</table>

Visit [www.cooperlighting.com](http://www.cooperlighting.com) for more information on the complete product offering. Product availability and specifications subject to change without notice.
**75**
- All glass diffuser
- Provides some illumination on the ceiling plane
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>60W A19</td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-3/4” [197mm]

**172**
- Frosted Glass Dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>75W PAR30, 100W A19</td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>50W PAR30, 60W A19</td>
</tr>
</tbody>
</table>

Height: 2-1/8” [54mm]
Outside Diameter: 7-3/4” [197mm]

**416**
- Regressed glass diffuser
- Baffle splay
- Coil Spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>60W A19</td>
</tr>
</tbody>
</table>

Aperture: 5-3/4” [146mm]
Outside Diameter: 7-1/4” [184mm]

**300**
- Open trim for BR, R, and PAR Lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W PAR30, 75W PAR30L, 75W R30</td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
</tbody>
</table>

Aperture: 4” [102mm]
Outside Diameter: 7-1/4” [184mm]

Visit [www.cooperlighting.com](http://www.cooperlighting.com) for more information on the complete product offering. Product availability and specifications subject to change without notice.
301
- Open trim for BR, R, and PAR Lamps
- Coil spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Trim Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4˝ [184mm]

401
- Open trim for R Lamps
- Coil spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Trim Options</th>
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<tbody>
<tr>
<td>H7T</td>
<td>120W BR40, 150W R40</td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 8˝ [203mm]

328
- Coil spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Trim Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>H7RT</td>
<td>65W BR30, 75W R30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Aperture: 3-7/8˝ [98mm]
Outside Diameter: 7-3/4˝ [197mm]

428
- Coil spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Trim Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>120W BR40, 150W R40</td>
</tr>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-3/4˝ [197mm]

79
- 1-7/8˝ open pinhole
- Torsion spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Trim Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>50W R20</td>
</tr>
</tbody>
</table>

Outside Diameter: 8˝ [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
303

- Coil spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>60W A19</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>60W A19</td>
<td></td>
</tr>
</tbody>
</table>

Wall Wash

Outside Diameter: 6” [152mm]

303P
White Trim and Scoop

424

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>100W A19</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>100W A19</td>
<td></td>
</tr>
</tbody>
</table>

Wall Wash / Reflector Downlight

Outside Diameter: 7-1/4” [184mm]

424P
White Trim

425

- Designated to spread light close to ceiling
- Coil spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>60W A19</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>60W A19</td>
<td></td>
</tr>
</tbody>
</table>

Wall Wash with Coilex® Baffle and Scoop Reflector

Outside Diameter: 7-1/4” [184mm]

425W
White Trim with White Baffle

425P
White Trim with Black Baffle

430

- Designed to spread light close to the ceiling to eliminate the “cave effect”
- Torsion spring retention
- AIR-TITE construction

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>90W TB19, 100W A19, 100W BT15, 100W MB19</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td>90W TB19, 100W A19, 100W BT15, 100W MB19</td>
<td></td>
</tr>
</tbody>
</table>

Wall Wash with Baffle and Full Reflector

Height: 5” [127mm]
Outside Diameter: 7-1/4” [184mm]

430W
White Trim with White Baffle

430P
White Trim with Black Baffle

1412

- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Type</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7T</td>
<td>50W 12V MR16</td>
<td></td>
</tr>
<tr>
<td>H7RT</td>
<td>50W 12V MR16</td>
<td></td>
</tr>
</tbody>
</table>

Low Voltage Adjustable Spot - 30° Tilt

Aperture: 1-3/4” [44mm]
Outside Diameter: 7-1/4” [184mm]

1412W
White Trim with White Baffle and Lampholder

1412P
Black Trim with Black Baffle and Lampholder

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
1416
- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th></th>
<th>H7T</th>
<th>H7RT</th>
<th>H7TNB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50W 12V MR16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4” [184mm]

1416C
White Trim with Clear Specular Reflector

1416W
White Trim with White Baffle

1416BA
White Trim with Black Baffle

1416
Low Voltage Specular Reflector - 30° Tilt

1417
- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th></th>
<th>H7T</th>
<th>H7RT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50W 12V MR16</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4” [184mm]

1417W
White Trim with White Eyeball and White Baffle

1417BA
White Trim with White Eyeball and Black Baffle

1417
Low Voltage Eyeball with Baffle - 30° Tilt

1450
- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th></th>
<th>H7T</th>
<th>H7RT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50W 12V MR16</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4” [184mm]

1450P
White Slot Aperture Trim

1450
Low Voltage Slot Aperture - 30° Tilt

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**1475**

- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th>H7T</th>
<th>50W PAR36 low voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7RT</td>
<td></td>
</tr>
<tr>
<td>H7TNB</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4" [184mm]

**Low Voltage Adjustable Accent - 30° Tilt**

1475W
- White Trim with White Baffle

1475P
- White Trim with Black Baffle

---

**1479**

- Low Voltage Trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

<table>
<thead>
<tr>
<th>H7T</th>
<th>50W 12V MR16</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7RT</td>
<td></td>
</tr>
</tbody>
</table>

Aperture: 1-7/8" [48mm]
Outside Diameter: 8" [203mm]

**Low Voltage Pinhole Trim**

1479W
- White Trim with White Baffle

1479P
- White Trim with Black Baffle

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H7UICT housings is designed to be used in direct contact with insulation. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7UICT housings is suited for use in insulated ceilings in residential and commercial applications. The IC construction allows an unbroken insulation barrier to be maintained. H7UICT may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

**FEATURES**

**HOUSING**
- Double wall aluminum construction for greater heat dissipation.
- The inner housing can be removed from plaster frame for junction box access.

**SOCKET PLATE**
- Fixed socket position maintains consistent lamp position.

**PLASTER FRAME**
Housing adjusts in plaster frame 1-3/8” to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, may also be snapped into trim for consistent lamp positioning.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H7UICAT

6” Aperture, New Construction, ICAT
120V Line Voltage

The H7UICAT housing is designed to be used in direct contact with insulation. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7UICAT housing is suited for use in insulated ceilings in residential and commercial applications. The IC construction allows an unbroken insulation barrier to be maintained. AIR-TITE construction allows the housing to meet restricted airflow requirements.

FEATURES

HOUSING
• Double wall aluminum construction for greater heat dissipation.
• The inner housing can be removed from plaster frame for junction box access.

SOCKET PLATE
• Fixed socket position maintains consistent lamp position.

PLASTER FRAME
Housing adjusts in plaster frame 1-3/8” to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.
• HALO name embossed on plaster frame.
• Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated brass screw shell, may also be snapped into trim for consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material
• UL/cUL Listed for Feed Through

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**HALO® 6˝ Recessed Downlighting Trims**

**Incandescent**

**H7UITC**

- Self-flanged socket supporting trim with torsion spring construction
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

<table>
<thead>
<tr>
<th>H7UITC</th>
<th>75W PAR30, 75W PAR30L, 100W R30, 100W A19, 100W PAR38</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UICAT</td>
<td>75W PAR30, 75W PAR30L, 100W R30, 100W A19, 100W PAR38</td>
</tr>
</tbody>
</table>

Height: 5˝ [127mm]
Outside Diameter: 7-1/4˝ [184mm]

**H7UICAT**

- Black Specular Reflector and Trim
- Self-flanged Socket Supporting Trim with Torsion spring construction
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

<table>
<thead>
<tr>
<th>H7UITC</th>
<th>100W R30, 85W BR30, 89W A19, 75W PAR30, 75W PAR30L, 75W PAR38</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UICAT</td>
<td>100W R30, 85W BR30, 89W A19, 75W PAR30, 75W PAR30L, 75W PAR38</td>
</tr>
</tbody>
</table>

Height: 5˝ [127mm]
Outside Diameter: 7-1/4˝ [184mm]

**30HAT**

- White Trim with Haze Reflector

**30RGAT**

- White Trim with Gold Reflector

**30CAT**

- White Trim with Clear Specular Reflector

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

**30SBAT**

- Black Specular Reflector and Trim
- Self-flanged Socket Supporting Trim with Torsion spring construction
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

**404**

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7UITC</th>
<th>100W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UICAT</td>
<td>100W A19</td>
</tr>
</tbody>
</table>

Height: 5˝ [127mm]
Outside Diameter: 7-1/4˝ [184mm]

**404AC**

- Antique Copper Trim with Antique Copper Reflector

**404TBZ**

- Tuscan Bronze Trim with Tuscan Bronze Reflector

**404SN**

- Satin Nickel Trim with Satin Nickel Reflector

**404RG**

- White Trim with Gold Reflector

**4041**

- Full reflector for use with A-lamps.
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>H7UITC</th>
<th>100W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UICAT</td>
<td>100W A19</td>
</tr>
</tbody>
</table>

Height: 5-1/4˝ [133mm]
Outside Diameter: 7-1/4˝ [184mm]

**4041P**

- White Self Flanged Reflector

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
429

- Sloped sides shield interior view of housing
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Height: 3” [76mm]</th>
<th>Outside Diameter: 7-1/4” [184mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UIC</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 90W PAR38, 90W BR40, 100W R40</td>
</tr>
<tr>
<td>H7UICAT</td>
<td></td>
</tr>
</tbody>
</table>

Dayform White Cone

426

- Accepts a wide variety of lamps
- Coil spring retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Height: 2-11-16” [68mm]</th>
<th>Outside Diameter: 7-1/4” [184mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UIC</td>
<td>75W PAR30, 75W PAR30L, 85W BR30, 100W R30, 100W PAR38, 100W R40</td>
</tr>
<tr>
<td>H7UICAT</td>
<td></td>
</tr>
</tbody>
</table>

Reflector Cone

4261

- Accepts R and PAR lamps
- Coil Spring retention

<table>
<thead>
<tr>
<th>Height: 2-5/8” [67mm]</th>
<th>Outside Diameter: 7-1/4” [184mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UIC</td>
<td>75W PAR30, 75W PAR30L, 85W BR30, 90W BR40, 100W R30, 100W PAR38, 100W R40</td>
</tr>
<tr>
<td>H7UICAT</td>
<td></td>
</tr>
</tbody>
</table>

Self Flange White Reflector Cone

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**30**

- Metal Baffle
- Self-flanged socket supporting trim with torsion spring construction
- Accepts a wide range of lamps
- Makes installation AIR-TITE regardless of housing used

**Super Trim™ AIR-TITE Baffle**

- **30WAT** White Trim with White Baffle and White Reflector
- **30WATH** White Trim with White Baffle and Clear Reflector
- **30PAT** White Trim with Black Baffle and Clear Reflector

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATTRIM-6PK.

**Coilex® Baffle**

- **310W** White Trim with White Coilex Baffle
- **310P** White Trim with Black Coilex Baffle
- **310SN** Satin Nickel Trim with Black Coilex Baffle
- **310AC** Antique Copper Trim with Black Coilex Baffle
- **310TBZ** Tuscan Bronze Trim with Black Coilex Baffle

**312**

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- **312** baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps

**Coilex® Baffle**

- **312W** White Trim with White Coilex Baffle
- **312P** White Trim with Black Coilex Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### 353
- Metallic Finish Trim Rings and Baffles
- Coil Spring retention

<table>
<thead>
<tr>
<th>H7UICT</th>
<th>65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 90W PAR36, 90W BR40, 100W R40</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UCAT</td>
<td></td>
</tr>
</tbody>
</table>

- Satin Nickel Trim with Satin Nickel Baffle
- Antique Copper Trim with Antique Copper Baffle
- Tuscan Bronze Trim with Tuscan Bronze Baffle

Height: 2-1/4” [57mm]
Outside Diameter: 7-1/4” [184mm]

### 74
- Provides optimum position for PAR30 lamps
- Torsion Spring retention

<table>
<thead>
<tr>
<th>H7UICT</th>
<th>75W PAR30</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UCAT</td>
<td></td>
</tr>
</tbody>
</table>

Aperture: 3-7/8” [98mm]
Outside Diameter: 6” [203mm]

### 76
- For use with PAR38 lamps
- Includes adapter for side prong lamp
- 50° tilt with side prong lamp
- 30° tilt with screw base lamp
- Torsion Spring retention

<table>
<thead>
<tr>
<th>H7UICT</th>
<th>90W PAR38 (Side Prong lamp recommended)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UCAT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 6” [203mm]

### 77
- For use with R20 and PAR20 lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>H7UICT</th>
<th>50W PAR20, 75W R20</th>
</tr>
</thead>
<tbody>
<tr>
<td>H7UCAT</td>
<td></td>
</tr>
</tbody>
</table>

Aperture: 2-3/4” [70mm]
Outside Diameter: 6” [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

6˝

Recessed Downlighting Trims

78

• Wide Choice of finishes for any decor
• 30° Tilt, 360° rotation

<table>
<thead>
<tr>
<th>78P</th>
<th>78PAT*</th>
<th>78SN</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with White Eyeball</td>
<td>White Trim with White Eyeball - AIR-TITE trim</td>
<td>Satin Nickel Trim with Satin Nickel Eyeball</td>
</tr>
</tbody>
</table>

Height: 4-1/8˝ [105mm]
Aperture: 3-15/16˝ [100mm]
Outside Diameter: 8˝ [203mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATRIM-6PK.

376

• Regressed Gimbal with Baffle
• Torsion spring retention

<table>
<thead>
<tr>
<th>376P</th>
<th>376B</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim Ring, Black Baffle</td>
<td>Satin Brass Trim with Satin Brass Eyeball</td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4˝ [184mm]

378

• Regressed Gimbal with Splay Trim
• Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
• Friction clip on trim

<table>
<thead>
<tr>
<th>378P</th>
<th>378</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with White Splay Trim</td>
<td>White Trim with Clear Specular Splay Trim</td>
</tr>
</tbody>
</table>

Outside Diameter: 8˝ [203mm]

417

• 30° Tilt, 358° rotation

<table>
<thead>
<tr>
<th>417W</th>
<th>417P</th>
<th>417PB</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim and Eyeball with White Coilex Baffle</td>
<td>White Trim and Eyeball with Black Coilex Baffle</td>
<td>Polished Brass Trim and Eyeball with Black Coilex Baffle</td>
</tr>
</tbody>
</table>

Outside Diameter: 8˝ [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**419**

- **25° Tilt, 358° rotation**
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Outside Diameter: 7-1/4” [184mm]

**419P**
- White Trim and Eyeball with White Splay

**419**
- White Trim and Eyeball with Clear Splay

**420**

- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Height: 3-1/16” [100mm]
Aperture: 4” [102mm]
Outside Diameter: 7-1/4” [184mm]

**420W**
- White Trim with White Eyeball and White Baffle

**420P**
- White Trim with White Eyeball and Black Baffle

**420PB**
- Polished Brass Trim with Polished Brass Eyeball and Black Baffle

**70**

- White Trim, Frosted Glass Albalite Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

Outside Diameter: 8” [203mm]

**70P**
- White Trim with Frosted Albalite Lens

**70PS**
- White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed

**170**

- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

**170P**
- White Trim with Frosted Albalite Lens

**170PS**
- White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
71
- White Trim, Drop Opal Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>71P</td>
<td>White Trim with Drop Opal Lens</td>
</tr>
<tr>
<td>71PS</td>
<td>White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

Drop Opal Lens

171
- White Trim with Drop Opal glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>171P</td>
<td>White Trim with Drop Opal Lens</td>
</tr>
<tr>
<td>171PS</td>
<td>White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

Drop Opal Lens with Reflector

73
- White Trim with glass Fresnel Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>73P</td>
<td>White Trim with Fresnel Lens</td>
</tr>
<tr>
<td>73PS</td>
<td>White Trim with Fresnel Lens, Wet Location</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

Fresnel Lens

173
- White Trim with glass Fresnel lens
- PS version is wet location listed for use in showers, with non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>173P</td>
<td>White Trim with Fresnel Lens</td>
</tr>
<tr>
<td>173PS</td>
<td>White Trim with Fresnel Lens, Wet Location and AIR-TITE listed</td>
</tr>
</tbody>
</table>

Height: 4” [101mm]
Outside Diameter: 8” [203mm]

Fresnel Lens with Reflector

75
- All glass diffuser
- Provides some illumination on the ceiling plane
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>All Glass Diffuser</td>
</tr>
</tbody>
</table>

Outside Diameter: 7-3/4” [197mm]

Diffuser

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

6˝ Recessed Downlighting Trims

Incandescent

172
• Frosted Glass Dome
• Wet location listed for use in showers
• Non-conductive, non-corrosive gasketed polymer trim ring
• Torsion spring retention

H7UICT | 75W A19, 75W PAR30
H7UCAT

Height: 2-1/8˝ [54mm]
Outside Diameter: 7-3/4˝ [197mm]

Dome Lens with Reflector

172PS White Trim with Frosted Glass Dome, Wet Location Listed
172SNS Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed
172ACS Antique Copper Trim with Frosted Glass Dome, Wet Location Listed
172TBZS Tuscan Bronze Trim with Frosted Glass Dome, Wet Location Listed

Open Trim with Socket Support

300P White Trim
300SN Satin Nickel Trim
300AC Antique Copper Trim
300TBZ Tuscan Bronze Trim

300
• Open trim for BR, R, and PAR Lamps
• Torsion spring retention

H7UICT | 75W PAR30, 75W PAR30L, 85W BR30, 100W R30
H7UCAT

Aperture: 4˝ [102mm]
Outside Diameter: 7-1/4˝ [184mm]

401
• Open trim for R Lamps
• Coil spring retention

H7UICT | 100W R40 with H1999 Socket Extender
H7UCAT

Outside Diameter: 8˝ [203mm]

Open Trim

401P White Trim
401AL Satin Aluminum Trim
401PB Polished Brass Trim

Accessory
H1999 Socket Extender

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**328**  
Coil spring retention  
H7UIC, H7UCAT  
65W BR30, 75W R30, 75W PAR30, 75W PAR30L  
Aperture: 3-7/8" [88mm]  
Outside Diameter: 7-3/4" [197mm]  
328P  White Splay Trim

**428**  
Coil spring retention  
H7UIC, H7UCAT  
100W R40  
Aperture: 3-7/8" [88mm]  
Outside Diameter: 7-3/4" [197mm]  
428P  White Splay Trim

**79**  
1-7/8" open pinhole  
Torsion spring retention  
H7UIC, H7UCAT  
50W PAR30  
Outside Diameter: 8" [203mm]  
79P  White Trim

**424**  
Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters  
H7UIC, H7UCAT  
60W A19  
Outside Diameter: 7-1/4" [184mm]  
424P  White Trim

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
425
- Designed to spread light close to ceiling
- Coil spring retention

| H7UICT | 50W R30 |

Wall Wash with Coilex® Baffle and Scoop Reflector

425W
White Trim with White Baffle
425P
White Trim with Black Baffle

Outside Diameter: 7-1/4" [184mm]

430
- Designed to spread light close to the ceiling to eliminate the “cave effect”
- Torsion spring retention
- AIR-TITE construction

| H7UICT | 50W TB19, 60W BT15, 60W A19, 60W MB19 |

Wall Wash with Baffle and Full Reflector

430W
White Trim with White Baffle
430P
White Trim with Black Baffle

Height: 5" [127mm]
Outside Diameter: 7-1/4" [184mm]
**H27ICT**

6’ Aperture, New Construction, IC, Shallow Ceiling
120V Line Voltage

The H27ICT housing is designed for use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27ICT is designed for shallow ceilings where insulation is present.

<table>
<thead>
<tr>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOUSING</strong></td>
</tr>
<tr>
<td>• Aluminum housing for greater heat dissipation.</td>
</tr>
<tr>
<td>• H27ICT may be converted into AIR-TITE construction when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.</td>
</tr>
<tr>
<td><strong>SOCKET PLATE</strong></td>
</tr>
<tr>
<td>• Rigid socket plate adjusts and locks without tools for various lamp sizes.</td>
</tr>
<tr>
<td>• Socket plate and bracket may be removed when using socket supporting trims.</td>
</tr>
<tr>
<td><strong>PLASTER FRAME</strong></td>
</tr>
<tr>
<td>Housing adjusts in plaster frame 1-3/8” to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:</td>
</tr>
<tr>
<td>• Regressed locking screw for securing hanger bars.</td>
</tr>
<tr>
<td>• Cutouts for easily crimping hanger bars in position.</td>
</tr>
<tr>
<td>• The housing may be removed from plaster frame to provide access to the junction box.</td>
</tr>
<tr>
<td>• HALO name embossed on plaster frame.</td>
</tr>
<tr>
<td><strong>SLIDE-N-SIDE™ JUNCTION BOX</strong></td>
</tr>
<tr>
<td>• Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.</td>
</tr>
<tr>
<td>• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.</td>
</tr>
<tr>
<td>• Allows wiring connections to be made outside the junction box.</td>
</tr>
<tr>
<td>• Simply insert the cable directly into the trap after connections are made.</td>
</tr>
<tr>
<td>• Accommodates the following standard non-metallic sheathed cable sizes:</td>
</tr>
<tr>
<td>(US) #14/2, #14/3, #12/2, #12/3</td>
</tr>
<tr>
<td>(Canada) #14/2, #14/3, #12/2</td>
</tr>
<tr>
<td><strong>“QUICK CONNECT” CONNECTORS</strong></td>
</tr>
<tr>
<td>Three quick connect wiring connectors included.</td>
</tr>
<tr>
<td><strong>Got NAIL!™ Pass-N-Thru™ BAR HANGERS</strong></td>
</tr>
<tr>
<td>• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.</td>
</tr>
<tr>
<td>• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.</td>
</tr>
<tr>
<td>• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.</td>
</tr>
<tr>
<td>• Housing can be positioned at any point within 24” joist span.</td>
</tr>
<tr>
<td>• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.</td>
</tr>
<tr>
<td>• Score lines allow “tool-less” shortening for 12” joists.</td>
</tr>
<tr>
<td>• Bar hangers may be repositioned 90°.</td>
</tr>
<tr>
<td>• Integral T-bar clip snaps onto T-bars - no additional clips required.</td>
</tr>
</tbody>
</table>

| SOCKET |
| Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.) |

| THERMAL PROTECTOR |
| Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material. |

| LABELS |
| • UL/cUL Listed 1598 Luminaire |
| • UL/cUL Damp Location Listed |
| • UL/cUL Listed for Wet Location, covered ceiling |
| • UL/cUL Listed for Direct Contact with Insulation and combustible material |
| • UL/cUL Listed for Feed Through |

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H27ICAT housing is designed for use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27ICAT is designed for shallow ceilings where insulation is present. The H27ICAT housing is of AIR-TITE construction and prevents airflow between conditioned spaces and unconditioned attic/plenum areas.

**FEATURES**

**HOUSING**
- Aluminum housing for greater heat dissipation.
- Sealed and gasketed for AIR-TITE™ installation.

**SOCKET PLATE**
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

**PLASTER FRAME**
Housing adjusts in plaster frame 1-3/8” to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- The housing may be removed from plaster frame to provide access to the junction box.
- HALO name embossed on plaster frame.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDETM JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or incorrect application of insulation material.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H27RICT housing is designed for remodeling use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27RICT is designed for installations where the housing will be in direct contact with insulation.

**Features**

**Housing**
- Aluminum construction for greater heat dissipation.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- HALO name embossed on housing.
- H27RICT may be converted into AIR-TITE construction when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

**Socket Plate**
Rigid socket plate adjusts and locks without tools for various lamp sizes. Socket plate and bracket may be removed when using socket supporting trims.

**Remodel Springs**
Four remodel springs secure housing and accommodate 1/2” and 5/8” ceiling material.

**Junction Box**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four NM cable pryouts included.

**“Quick Connect” Connectors**
Three quick connect wiring connectors included.

**Socket**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**Thermal Protector**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**Labels**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)
H27RICAT

6" Aperture, Remodel, ICAT, Shallow Ceiling
120V Line Voltage

The H27RICCT housing is designed for remodeling use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27RICCT is designed for shallow ceilings where the housing will be in direct contact with insulation. The H27RICAT housing is of AIR-TITE construction and prevents airflow between conditioned spaces and unconditioned attic/plenum areas.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
• HALO name embossed on housing.
• Pre-installed AIR-TITE gasket.

SOCKET PLATE
Rigid socket plate adjusts and locks without tools for various lamp sizes. Socket plate and bracket may be removed when using socket supporting trims.

REMODEL SPRINGS
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material.

JUNCTION BOX
• Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Four NM cable pryouts included.

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

SOCKET
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material
• UL/cUL Listed for Feed Through

QUALIFICATION
IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
**426**

- Accepts a wide variety of lamps
- Coil spring retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Lamp Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H27ICT</td>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L, 75W PAR30</td>
</tr>
<tr>
<td>H27ICAT</td>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 2-11/16˝ [68mm]
Outside Diameter: 7-1/4˝ [184mm]

**Reflector Cone**

- 426 White Trim Ring with Clear Specular Reflector Cone
- 426MB White Trim with Specular Black Reflector Cone
- 426H White Trim with Haze Reflector Cone
- 426SN Satin Nickel Trim with Satin Nickel Reflector Cone
- 426AC Antique Copper Trim with Antique Copper Reflector Cone
- 426TBZ Tuscan Bronze Trim with Tuscan Bronze Reflector Cone
- 426RG White Trim with Residential Gold Reflector Cone
- 426CG White Trim with Champagne Gold Reflector Cone

**310**

- Black or White Phenolic Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>H27ICT</td>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
</tr>
<tr>
<td>H27ICAT</td>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 3-1/16˝ [78mm]
Outside Diameter: 7-1/4˝ [184mm]

**Coilex® Baffle**

- 310W White Trim with White Coilex Baffle
- 310P White Trim with Black Coilex Baffle
- 310SN Satin Nickel Trim with Black Coilex Baffle
- 310AC Antique Copper Trim with Black Coilex Baffle
- 310TBZ Tuscan Bronze Trim with Black Coilex Baffle
- 310WG Wide White Trim Ring with White Coilex Baffle
- 310PG Wide White Trim Ring with Black Coilex Baffle

**312**

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- 312 baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention

<table>
<thead>
<tr>
<th>Trim Code</th>
<th>Lamp Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>H27ICT</td>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
</tr>
<tr>
<td>H27ICAT</td>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 2-1/4˝ [57mm]
Outside Diameter: 7-1/4˝ [184mm]

**Coilex® Baffle**

- 312W White Trim with White Baffle
- 312P White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**HALO®**

**6˝ Recessed Downlighting Trims**

- **353**
  - Metallic Finish Trim Rings and Baffles
  - Coil Spring retention

<table>
<thead>
<tr>
<th>H27ICT</th>
<th>H27ICAT</th>
<th>H27RICT</th>
<th>H27RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **74**
  - Provides optimum position for PAR30 lamps
  - Torsion Spring retention

<table>
<thead>
<tr>
<th>H27ICT</th>
<th>H27ICAT</th>
<th>H27RICT</th>
<th>H27RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>75W PAR30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **77**
  - For use with R20 and PAR20 lamps
  - Torsion spring retention

<table>
<thead>
<tr>
<th>H27ICT</th>
<th>H27ICAT</th>
<th>H27RICT</th>
<th>H27RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W PAR20, 75W R20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **78**
  - Wide choice of finishes for any decor
  - 30° Tilt, 360° rotation

<table>
<thead>
<tr>
<th>H27ICT</th>
<th>H27ICAT</th>
<th>H27RICT</th>
<th>H27RICAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>65W BR30, 75W PAR30L, 75W R30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Metal Baffle**

<table>
<thead>
<tr>
<th>353SN</th>
<th>353AC</th>
<th>353TBZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Nickel Trim with Satin Nickel Baffle</td>
<td>Antique Copper Trim with Antique Copper Baffle</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Baffle</td>
</tr>
</tbody>
</table>

**Eyeball - 30° Tilt**

<table>
<thead>
<tr>
<th>74P</th>
<th>77P</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim and Eyeball</td>
<td>White Trim with White Eyeball</td>
</tr>
</tbody>
</table>

**Adjustable Eyeball - 30° Tilt**

<table>
<thead>
<tr>
<th>78P</th>
<th>78PAT</th>
<th>78SN</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Trim with White Eyeball</td>
<td>White Trim with White Eyeball - AIR-TITE trim</td>
<td>Satin Nickel Trim with Satin Nickel Eyeball</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>78AC</th>
<th>78TBZ</th>
<th>78B</th>
<th>78PB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antique Copper Trim with Antique Copper Eyeball</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Eyeball</td>
<td>Satin Brass Trim with Satin Brass Eyeball</td>
<td>Polished Brass Trim with Polished Brass Eyeball</td>
</tr>
</tbody>
</table>

Height: 3” [76mm] Outside Diameter: 7-1/4” [184mm]

Aperture: 3-7/8” [94mm] Outside Diameter: 8” [203mm]

Aperture: 2-3/4” [70mm] Outside Diameter: 8” [203mm]

Height: 4-1/8” [105mm] Aperture: 3-15/16” [100mm] Outside Diameter: 8” [203mm]

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6 pack: GA-ATRIM-6PK.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**420**
- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H27ICT</td>
<td></td>
</tr>
<tr>
<td>H27ICAT</td>
<td>50W PAR30, 50W PAR30L, 60W BR30</td>
</tr>
<tr>
<td>H27ICT</td>
<td></td>
</tr>
<tr>
<td>H27ICAT</td>
<td></td>
</tr>
</tbody>
</table>

**Height:** 3-15/16” [100mm]
**Aperture:** 4” [102mm]
**Outside Diameter:** 7-1/4” [184mm]

**420W**
White Trim with White Eyeball and White Baffle

**420P**
White Trim with White Eyeball and Black Baffle

**420PB**
Polished Brass Trim with Polished Brass Eyeball and Black Baffle

---

**90**
- Provides up to 60° of tilt

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H27ICT</td>
<td></td>
</tr>
<tr>
<td>H27ICAT</td>
<td>150W PAR38</td>
</tr>
</tbody>
</table>

**Outside Diameter:** 8” [203mm]

**90P**
White Trim and Eyeball

---

**170**
- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

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<tr>
<td>H27ICT</td>
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<tr>
<td>H27ICAT</td>
<td>40W A19</td>
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**Height:** 4” [102mm]
**Outside Diameter:** 8” [203mm]

**170P**
White Trim with Frosted Albalite Lens

**170PS**
White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed

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**171**
- White Trim with Drop Opal glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

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<td>40W A19</td>
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</table>

**Height:** 4” [102mm]
**Outside Diameter:** 8” [203mm]

**171P**
White Trim with Drop Opal Lens

**171PS**
White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
172

- Frosted Glass Dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Lights</th>
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</thead>
<tbody>
<tr>
<td>H27ICT</td>
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<tr>
<td>H27ICAT</td>
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<td>H27RICT</td>
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<tr>
<td>H27RICAT</td>
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</tbody>
</table>

Height: 2-1/8" [54mm]
Outside Diameter: 7-3/4" [197mm]

Dome Lens with Reflector

172PS
White Trim with Frosted Glass Dome, Wet Location Listed

172SNS
Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed

172ACS
Antique Copper Trim with Frosted Glass Dome, Wet Location Listed

172TBZS
Tuscan Bronze Trim with Frosted Glass Dome, Wet Location Listed

300

- Open trim for BR and PAR Lamps
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Lights</th>
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<tr>
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</table>

Aperture: 4" [102mm]
Outside Diameter: 7-1/4" [184mm]

Open Trim with Socket Support

300P
White Trim

300SN
Satin Nickel Trim

300AC
Antique Copper Trim

300TBZ
Tuscan Bronze Trim

328

- Coil spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Lights</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>H27ICAT</td>
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<tr>
<td>H27RICAT</td>
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</tbody>
</table>

Aperture: 3-7/8" [98mm]
Outside Diameter: 7-3/4" [197mm]

White Splay Trim

328P
White Splay Trim

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H27T housing is designed for use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27T is designed for non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

**FEATURES**

**HOUSING**
Die-stamped CRS with white powder coat finish.

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.

**SOCKET PLATE**
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
  - Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**“QUICK CONNECT™ CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12" joists.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H27RT

6” Aperture, Remodel, Non-IC, Shallow Ceiling
120V Line Voltage

The H27RT housing is designed for remodeling use in shallow ceiling. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H27RT is designed for use in non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

**FEATURES**

**HOUSING**
- Die-stamped CRS with white powder coat finish.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- HALO name embossed on housing.

**SOCKET PLATE**
- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims.

**REMODEL SPRINGS**
Four remodel springs secure housing and accommodate 1/2” and 5/8” ceiling material.

**JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four NM cable pryouts included.

**“QUICK CONNECT” CONNECTORS**
Three quick connect wiring connectors included.

**SOCKET**
Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning.)

**THERMAL PROTECTOR**
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**426**

- Accepts a wide variety of lamps
- Coil spring retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Model</th>
<th>Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>H27T</td>
<td>75W PAR30, 75W PAR30L, 85W BR30, 100W R30</td>
</tr>
<tr>
<td>H27RT</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 2-11/16” [68mm]  
Outside Diameter: 7-1/4” [184mm]

**Reflector Cone**

- 426 White Trim Ring with Clear Specular Reflector Cone
- 426MB White Trim with Specular Black Reflector Cone
- 426H White Trim with Haze Reflector Cone
- 426SN Satin Nickel Trim with Satin Nickel Reflector Cone
- 426AC Antique Copper Trim with Antique Copper Reflector Cone
- 426TBZ Tuscan Bronze Trim with Tuscan Bronze Reflector Cone
- 426RG White Trim with Residential Gold Reflector Cone
- 426CG White Trim with Champagne Gold Reflector Cone

**4261**

- Accepts R and PAR lamps
- Coil Spring retention

<table>
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<tr>
<th>Model</th>
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<tbody>
<tr>
<td>H27T</td>
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</tr>
<tr>
<td>H27RT</td>
<td>75W BR30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Height: 2-5/8” [67mm]  
Outside Diameter: 7-1/4” [184mm]

**Self Flange White Reflector Cone**

- 4261P White Self Flanged Reflector Cone

**310**

- Black or White Phenolic Coilex Baffle with separate metal trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil Spring retention
- 310WG and 310PG models with separate wider metal trim ring hides ceiling irregularities and cut-out errors

<table>
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<tr>
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<tr>
<td>H27T</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
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</table>

**Coilex® Baffle**

- 310W White Trim with White Coilex Baffle
- 310P White Trim with Black Coilex Baffle
- 310SN Satin Nickel Trim with Black Coilex Baffle
- 310AC Antique Copper Trim with Black Coilex Baffle
- 310TBZ Tuscan Bronze Trim with Black Coilex Baffle
- 310WG Wide White Trim Ring with Black Coilex Baffle
- 310PG Wide White Trim Ring with Black Coilex Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
312
- Black or White Phenolic Coilex Baffle with separate metal trim ring
- 312 baffle features smaller lamp opening to conceal interior view of housing when used with PAR lamps
- Accessories available: TRM6 designer trim rings, QT403 oversize trim ring
- Coil Spring retention

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<tbody>
<tr>
<td>H27T</td>
<td>85W BR30, 75W PAR30</td>
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<tr>
<td>H27RT</td>
<td>75W PAR30, 75W PAR30L, 85W BR30</td>
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</table>

Coilex® Baffle

312W White Trim with White Baffle
312P White Trim with Black Baffle

Height: 2-1/4” [57mm]
Outside Diameter: 7-1/4” [184mm]

353
- Metallic Finish Trim Rings and Baffles
- Coil Spring retention

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<tbody>
<tr>
<td>H27T</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
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<td>H27RT</td>
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</table>

Metal Baffle

353SN Satin Nickel Trim with Satin Nickel Baffle
353AC Antique Copper Trim with Antique Copper Baffle
353TBZ Tuscan Bronze Trim with Tuscan Bronze Baffle

Height: 3” [76mm]
Outside Diameter: 7-1/4” [184mm]

74
- Provides optimum position for PAR30 lamps
- Torsion Spring retention

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<tbody>
<tr>
<td>H27T</td>
<td>75W PAR30</td>
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<td>H27RT</td>
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</table>

Eyeball - 30° Tilt

74P White Trim and Eyeball

Aperture: 3-7/8” [98mm]
Outside Diameter: 8” [203mm]

77
- For use with R20 and PAR20 lamps
- Torsion spring retention

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<tbody>
<tr>
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<td>50W R20, 50W PAR20</td>
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<tr>
<td>H27RT</td>
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</tbody>
</table>

Adjustable Eyeball - 30° Tilt

77P White Trim with White Eyeball

Aperture: 2-3/4” [70mm]
Outside Diameter: 8” [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
## 78 Recessed Downlighting Trims

**Eyeball - 30° Tilt**

<table>
<thead>
<tr>
<th>Style Code</th>
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<tbody>
<tr>
<td>78P</td>
<td>White Trim with White Eyeball</td>
</tr>
<tr>
<td>78PAT</td>
<td>White Trim with White Eyeball - AIR-TITE trim</td>
</tr>
<tr>
<td>78SN</td>
<td>Satin Nickel Trim with Satin Nickel Eyeball</td>
</tr>
<tr>
<td>78AC</td>
<td>Antique Copper Trim with Antique Copper Eyeball</td>
</tr>
<tr>
<td>78TBZ</td>
<td>Tuscan Bronze Trim with Tuscan Bronze Eyeball</td>
</tr>
<tr>
<td>78B</td>
<td>Satin Brass Trim with Satin Brass Eyeball</td>
</tr>
<tr>
<td>78PAT</td>
<td>White Trim with White Eyeball - AIR-TITE trim</td>
</tr>
</tbody>
</table>

Halo AIR-TITE trims are designed to meet restricted airflow requirements. However, local code may require a trim gasket regardless of trim design. Where required, use accessory trim gasket GA-ATRIM. Order separately in a 6-pack: GA-ATTRIM-6PK.

**78**

- Wide choice of finishes for any decor
- 30° Tilt, 360° rotation

**90 Double Bubble Adjustable - 60° Tilt**

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<thead>
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<th>Style Code</th>
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<tbody>
<tr>
<td>90P</td>
<td>White Trim and Eyeball</td>
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</table>

**376 Adjustable**

- Regressed Gimbal with Baffle
- Torsion spring retention

**378 Adjustable with Splay - 25° Tilt**

<table>
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<th>Style Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>378P</td>
<td>White Trim with White Splay Trim</td>
</tr>
<tr>
<td>378</td>
<td>White Trim with Clear Specular Splay Trim</td>
</tr>
</tbody>
</table>

**376**

- Regressed Gimbal with Baffle
- Torsion spring retention

**90**

- Provides up to 60° of tilt

**378**

- Regressed Gimbal with Splay Trim
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### 419 Regressed Eyeball with Splay - 25° Tilt
- 25° Tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>H27T</td>
<td>75W PAR30</td>
</tr>
<tr>
<td>H27RT</td>
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</tr>
</tbody>
</table>

Outside Diameter: 7-1/4" [184mm]

#### Options
- 419P: White Trim and Eyeball with White Splay
- 419: White Trim and Eyeball with Clear Splay

---

### 420 Regressed Eyeball - 30° Tilt
- Regressed eyeball with baffle splay
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

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<tr>
<td>H27T</td>
<td>75W BR30, 75W PAR30L, 75W PAR30</td>
</tr>
<tr>
<td>H27RT</td>
<td></td>
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</tbody>
</table>

Height: 3-15/16" [100mm]
Aperture: 4" [102mm]
Outside Diameter: 7-1/4" [184mm]

#### Options
- 420W: White Trim with White Eyeball and White Baffle
- 420P: White Trim with White Eyeball and Black Baffle
- 420PB: Polished Brass Trim with Polished Brass Eyeball and Black Baffle

---

### 70 Albalite Lens
- White Trim, Frosted Glass Albalite Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

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<tr>
<td>H27T</td>
<td>60W A19</td>
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</tbody>
</table>

Outside Diameter: 6" [203mm]

#### Options
- 70P: White Trim with Frosted Albalite Lens
- 70PS: White Trim with Frosted Albalite Lens, Wet Location

---

### 170 Albalite Lens with Reflector
- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
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<tbody>
<tr>
<td>H27RT</td>
<td>60W A19</td>
</tr>
</tbody>
</table>

Height: 4" [101mm]
Outside Diameter: 8" [203mm]

#### Options
- 170P: White Trim with Frosted Albalite Lens
- 170PS: White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Recessed Downlighting Trims

**71**
- White Trim, Drop Opal glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

**71P**
White Trim with Drop Opal Lens
Outside Diameter: 6" [152mm]

**71PS**
White Trim with Drop Opal Lens, Wet Location

**171**
- White Trim with Drop Opal glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

**171P**
White Trim with Drop Opal Lens
Outside Diameter: 6" [152mm]

**171PS**
White Trim with Drop Opal Lens, Wet Location and AIR-TITE listed

**73**
- White Trim with Fresnel glass lens
- PS version is wet location listed and for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

**73P**
White Trim with Fresnel Lens
Outside Diameter: 6" [152mm]

**73PS**
White Trim with Fresnel Lens, Wet Location

**173**
- White Trim with glass fresnel lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

**173P**
White Trim with Fresnel Lens
Height: 4" [102mm]
Outside Diameter: 6" [152mm]

**173PS**
White Trim with Fresnel Lens, Wet Location and AIR-TITE listed

**75**
- All glass diffuser
- Provides some illumination on the ceiling plane
- Torsion spring retention

**75**
All Glass Diffuser
Outside Diameter: 7-3/4" [197mm]
**172**
- Frosted Glass Dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim
- Torsion spring retention

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<td>75W PAR30, 100W A19</td>
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<tr>
<td>H27RT</td>
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</tbody>
</table>

Height: 2-1/8” [54mm]
Outside Diameter: 7-3/4” [197mm]

**172PS**
White Trim with Frosted Glass Dome, Wet Location Listed

**172SNS**
Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed

**172ACS**
Antique Copper Trim with Frosted Glass Dome, Wet Location Listed

**172TBZS**
Tuscan Bronze Trim with Frosted Glass Dome, Wet Location Listed

**301**
- Open trim for BR, R, and PAR Lamps
- Coil spring retention

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<tr>
<td>H27T</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>H27RT</td>
<td></td>
</tr>
</tbody>
</table>

Outside Diameter: 7-1/4” [184mm]

**301P**
White Trim

**301SN**
Satin Nickel Trim

**301AC**
Antique Copper Trim

**301TBZ**
Tuscan Bronze Trim

**301PB**
Polished Brass Trim

**328**
- Coil spring retention

<table>
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</tr>
<tr>
<td>H27RT</td>
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</tbody>
</table>

Aperture: 3-7/8” [96mm]
Outside Diameter: 7-3/4” [197mm]

**328P**
White Splay Trim

**79**
- 1-7/8” open pinhole
- Torsion spring retention

<table>
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<tbody>
<tr>
<td>H27T</td>
<td>75W PAR30</td>
</tr>
<tr>
<td>H27RT</td>
<td>50W PAR30</td>
</tr>
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</table>

Outside Diameter: 8” [203mm]

**79P**
White Trim

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
An H7 family housing with an integral low voltage dual tap 120V/277V transformer that supplies 12 volts to MR16 and PAR36 lamps. The H7LVT is suited for use in non-insulated ceilings in residential and commercial applications. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

**H7LVT**

6" Aperture, New Construction, Non-IC
12V Low Voltage, MR16 and PAR36

**FEATURES**

**HOUSING**
Die-stamped CRS with white powder coat finish.

**LAMP PLUG**
Molded one-way plug mates with the trim wiring.

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.

**JUNCTION BOX**
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four “NM” cable pryouts with integral strain relief also included.

**“QUICK CONNECT™ CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**TRANSFORMER**
Dual tap 120V/277V integral magnetic transformer steps line voltage down to lamp operating voltage. Thermally protected transformer.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H7LVIC

6" Aperture, New Construction, IC
12V Low Voltage, MR16 and PAR36

An H7 family housing with an integral low voltage transformer that supplies 12 volts to MR16 and PAR36 lamps. The H7LVIC is for installations where the housing will be in direct contact with insulation. The housing also meets restricted air flow requirements.

FEATURES

HOUSING
- Double wall aluminum construction for greater heat dissipation.
- The inner housing can be removed from plaster frame for junction box access.

LAMP PLUG
Molded one-way plug mates with the trim wiring.

PLASTER FRAME
Housing adjusts in plaster frame 1-3/8" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Three Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable:
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

TRANSFORMER
120V integral magnetic transformer steps line voltage down to lamp operating voltage. Thermally protected transformer.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
2412
- Low Voltage Trim
- Torsion spring retention

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<tr>
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<tbody>
<tr>
<td>H7LVIT</td>
<td>75W 12V MR16</td>
</tr>
<tr>
<td>H7LVICT</td>
<td>50W 12V MR16</td>
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</table>

Aperture: 1-3/4” [44mm]
Outside Diameter: 7-1/4” [184mm]

2416
- Low Voltage Trim
- Torsion spring retention

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<tr>
<td>H7LVIT</td>
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<tr>
<td>H7LVICT</td>
<td>50W 12V MR16</td>
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Outside Diameter: 7-1/4” [184mm]

2417
- Low Voltage Trim
- Torsion spring retention

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</tr>
<tr>
<td>H7LVICT</td>
<td>50W 12V MR16</td>
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</table>

Outside Diameter: 8” [203mm]

2450
- Low Voltage Trim
- Torsion spring retention

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<td>75W 12V MR16</td>
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<td>H7LVICT</td>
<td>50W 12V MR16</td>
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Outside Diameter: 8” [203mm]
**2475**

- Low Voltage Trim
- Torsion spring retention

| Model | Description | Wattage
<table>
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</tr>
<tr>
<td>H7LVICT</td>
<td>50W 12V MR16</td>
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*Outside Diameter: 7-1/4" [184mm]*

**Low Voltage Adjustable Accent - 30° Tilt**

- 2475W: White Trim with White Baffle
- 2475P: White Trim with Black Baffle

**2479**

- Low Voltage Trim
- Torsion spring retention

| Model | Description | Wattage
<table>
<thead>
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<tr>
<td>H7LVICT</td>
<td>50W 12V MR16</td>
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*Aperture: 1-7/8" [48mm]*

*Outside Diameter: 8" [203mm]*

**Low Voltage Pinhole Trim**

- 2479W: White Trim with White Baffle
- 2479P: White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H270ICAT, H271ICAT, H272ICAT

6" Aperture, New Construction, ICAT
Compact Fluorescent, 13W (H270ICAT), 18W (H271ICAT), 26W (H272ICAT)

The H270ICAT, H271ICAT and H272ICAT housings are designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The 120V electronic compact fluorescent non-commercial ballast meets stringent ENERGY STAR® requirements including FCC Title 47 CFR part 18 for Consumer equipment.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Sealed and gasketed for AIR-TITE™ installation, with the ceiling-contact gasket pre-installed on the plaster frame.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Plaster frame features include:
  - Patented recessed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

Got NAILIT® Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "tool-less" shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
- Socket for one Double Twin Tube (Quad) or Triple Twin Tube 4 pin lamp.
  - H270ICAT: G24q-1/GX24-1 socket for one 13W lamp (DTT or TTT)
  - H271ICAT: G24q-2/GX24-2 socket for one 18W lamp (DTT or TTT)
  - H272ICAT: G24q-3/GX24-3 socket for one 26W lamp (DTT or TTT)

**LAMP**
- Compact Fluorescent lamp (by others). Generic Lamp Designations:
  - DTT-Double Twin Tube (Quad) (CFQ):
    - CFQ13W/G24q - 2700K, 3000K, 3500K, 4100K
    - CFQ18W/G24q - 2700K, 3000K, 3500K, 4100K
    - CFQ26W/G24q - 2700K, 3000K, 3500K, 4100K
  - TTT-Triple Twin Tube (CFTR):
    - CFTR13W/GX24q - 2700K, 3000K, 3500K, 4100K
    - CFTR18W/GX24q - 2700K, 3000K, 3500K, 4100K
    - CFTR26W/GX24q - 2700K, 3000K, 3500K, 4100K
- 12,000 hour rated average life
- 82 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.

**ELECTRONIC BALLAST**

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**COMPLIANCE**
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

**QUALIFICATION**
- IC and AIR-TITE™
- Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
  - Washington State Energy Code
  - International Energy Conservation Code (IECC)
  - New York State Energy Conservation Construction Code (NY-ECCC)
  - State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The H270RICAT, H271RICAT and H272RICAT housings are designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. Includes 120V NPF electronic compact fluorescent ballast.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- Openings are gasketed for AIR-TITE™ installation.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings).

**REMODEL SPRINGS**
Four remodel clips securely hold and accommodate 1/2” and 5/8” ceiling material.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**SOCKET**
Socket for one Double Twin Tube (Quad) or Triple Twin Tube 4 pin lamp.
- H270RICAT: G24q-1/GX24-1 socket for one 13W lamp (DTT or TTT)
- H271RICAT: G24q-2/GX24-2 socket for one 18W lamp (DTT or TTT)
- H272RICAT: G24q-3/GX24-3 socket for one 26W lamp (DTT or TTT)

**LAMP**
Compact Fluorescent lamp (by others). Generic Lamp Designations:
- DTT-Double Twin Tube (Quad) (CFQ):
  - CFQ13W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFQ18W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFQ26W/G24q - 2700K, 3000K, 3500K, 4100K
- TTT-Triple Twin Tube (CFTR):
  - CFTR13W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR18W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR26W/GX24q - 2700K, 3000K, 3500K, 4100K

- 12,000 hour rated average life
- 92 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.

**ELECTRONIC BALLAST**
120 volt, 60 Hz electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaires
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

**COMPLIANCE**
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

**QUALIFICATION**
IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H273ICAT1D

6" Aperture, New Construction, ICAT
Compact Fluorescent, 26W and 32W with Dimming Ballast

The H273ICAT1D is designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H273ICAT1D offers compact fluorescent dimming capability with a 120V NPF electronic fluorescent dimming ballast.

FEATURES

HOUSING
- Single wall aluminum housing.
- Sealed and gasketed for AIR-TITE™ installation, with the ceiling-contact gasket pre-installed on the plaster frame.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

PLASTER FRAME
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame.
  - Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.

LAMP
Compact Fluorescent lamp (by others).
Generic Lamp Designations:
- DTT-Double Twin Tube (Quad) (CFQ)
  - CFQ26W/D24q - 2700K, 3000K, 3500K, 4100K
  - CFQ32W/D24q - 2700K, 3000K, 3500K, 4100K
- TTT-Triple Twin Tube (CFTR):
  - CFTR26W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFTR32W/G24q - 2700K, 3000K, 3500K, 4100K
- 12,000 hour rated average life
- 82 CRI rated lamps provide excellent color and high visual comfort
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.

ELECTRONIC BALLAST
Models are provided with a 120V, 60 Hz, NPF electronic fluorescent dimming ballast.
The dimming ballast is rated for use with 26W Double Twin Tube or Triple Twin Tube, or 32W Triple Twin Tube lamps (Triple Twin Tube lamp is preferred for best visual comfort). The ballast offers 100% to 15% nominal dimming range. Meets FCC Title 47 CFR Part 18 for Consumer Level Limits.

DIMMING FEATURES
see page 6-86

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed for Feed Through

COMPLIANCE
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H273RICAT1D

6" Aperture, Remodel, ICAT
Compact Fluorescent, 26W and 32W with Dimming Ballast

The H273RICAT1D is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H273RICAT1D offers compact fluorescent dimming capability with a 120V NPF electronic fluorescent dimming ballast.

FEATURES

HOUSING
- Single wall aluminum housing.
- Openings are gasketed for AIR-TITE™ installation.
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in Non-insulated ceilings).

REMODEL SPRINGS
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.

SLIDE-N-SIDE™ JUNCTION BOX
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

SOCKET
G24q-3/GX24q-3 socket for one 26W DTT* - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4-pin lamp. May be used with 32W TTT - Triple Twin Tube 4-pin lamp.
  * DTT lamp not listed for use with all trims.

ELECTRONIC BALLAST
Models are provided with a 120V, 60 Hz, NPF electronic fluorescent dimming ballast. The dimming ballast is rated for use with 26W Double Twin Tube or Triple Twin Tube, or 32W Triple Twin Tube lamps (Triple Twin Tube lamp is preferred for best visual comfort). The ballast offers 100% to 15% nominal dimming range. Meets FCC Title 47 CFR Part 18 for Consumer Level Limits.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

COMPLIANCE
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

LAMP
Compact Fluorescent lamp (by others). Generic Lamp Designations:
- DTT-Double Twin Tube (Quad) (CFQ)
  - CFQ26W/G24q - 2700K, 3000K, 3500K, 4100K
- TTT-Triple Twin Tube (CFTR)
  - CFTR26W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR32W/GX24q - 2700K, 3000K, 3500K, 4100K
- 12,000 hour rated average life
- 82 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.

DIMMING FEATURES
see page 6-86

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H273ICAT1D and H273RICAT1D Dimming Features**

Features include:
- 100% to 15% nominal dimming range with compatible dimmers
- Standard wiring (2 wire plus ground, e.g. NM14/2 or NM12/2)
- 26W compact fluorescent 4-pin lamps
- Double Twin Quad Tube (DTT) or Triple Twin Tube (TTT) lamps - TTT lamps recommended for best lamp regression and trim compatibility. Check trim listings for lamp compatibility.

### Dimming Models

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<thead>
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<th>Aperture</th>
<th>Wattage/Type</th>
<th>Generic Lamp ID</th>
<th>Color Temp</th>
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<td>CFQ26W/G24q</td>
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<td>26W DTT Quad</td>
<td>CFQ26W/G24q</td>
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<tr>
<td></td>
<td></td>
<td>26W TTT Triple</td>
<td>CFTR26W/Gx24q</td>
</tr>
<tr>
<td></td>
<td></td>
<td>32W TTT Triple</td>
<td>CFTR30W/Gx24q</td>
</tr>
</tbody>
</table>

### Dimmer Application Notes

- Select dimmers rated for phase controlled fluorescent dimming ballasts. (Dimmer compatible with AmbiStar® fluorescent dimming ballast or similar.)
- 120V, 60 Hz standard 2-wire plus ground wiring.
- Consult dimmer manufacturer for maximum dimmer load.
- Fluorescent dimming may vary from incandescent dimming. Performance results may vary based upon dimmer model, manufacturer and circuit wiring.
- Contact dimmer manufacturer for compatible product selection.

*AmbiStar® is a registered trademark of Philips Advance.*

---

Dimmer rated for phase controlled fluorescent (by others). One dimmer can control multiple fixtures (see dimmer for rating).

Standard Residential Wiring 120V, 60Hz (2-wire plus ground)
Cooper Wiring Devices CFL compatible dimmers are illustrated for reference.

For product selection, ordering information and where to purchase contact Cooper Wiring Devices at www.cooperwiringdevices.com.
6˝ Reccessed Downlighting Trims

**HALO® 6˝ Reccessed Downlighting Trims**

**470**
- Self flanged full reflector
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>H270ICAT</td>
<td>13W DTT or 13W TTT</td>
<td>DTT = Double Twin Tube, TTT = Triple Twin Tube</td>
</tr>
<tr>
<td>H270RCAT</td>
<td>13W DTT or 13W TTT</td>
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</tr>
<tr>
<td>H271ICAT</td>
<td>18W DTT or 18W TTT</td>
<td></td>
</tr>
<tr>
<td>H271RCAT</td>
<td>18W DTT or 18W TTT</td>
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</tr>
<tr>
<td>H272ICAT</td>
<td>26W DTT or 26W TTT</td>
<td></td>
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<tr>
<td>H272RCAT</td>
<td>26W DTT or 26W TTT</td>
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</tr>
<tr>
<td>H273ICAT1D</td>
<td>26W DTT or 26W TTT, 32W TTT</td>
<td></td>
</tr>
</tbody>
</table>

**Specular Reflector**
- 470SC: White Trim with Clear Specular Reflector
- 470H: White Trim with Haze Reflector
- 470RG: White Trim with Residential Gold Reflector

**Height:** 6-1/4˝ [159mm]
**Outside Diameter:** 7-1/8˝ [181mm]

**70**
- White Trim with frosted Albalite glass lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion Spring construction

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<td>H271ICAT</td>
<td>18W DTT or 18W TTT</td>
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</tr>
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<td>H271RCAT</td>
<td>18W DTT or 18W TTT</td>
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</tr>
</tbody>
</table>

**Albalite Lens**
- 70P: White Trim with Frosted Albalite Lens
- 70PS: White Trim with Frosted Albalite Lens, Wet Location Listed

**Height:** 6-1/4˝ [159mm]
**Outside Diameter:** 8˝ [203mm]

**271**
- White Trim with Drop Opal glass lens and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Bulb Type</th>
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</thead>
<tbody>
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<td>18W DTT or 18W TTT</td>
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<td>H271RCAT</td>
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<td>H272ICAT</td>
<td>26W DTT or 26W TTT</td>
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</tr>
</tbody>
</table>

**Drop Opal Lens**
- 271PS: White Trim with Drop Opal Lens, Wet Location Listed

**Height:** 6-1/2˝ [165mm]
**Outside Diameter:** 8˝ [203mm]

**73**
- White Trim with glass Fresnel Lens
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
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</thead>
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<td>18W DTT or 18W TTT</td>
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**Fresnel Lens**
- 73P: White Trim with Fresnel Lens
- 73PS: White Trim with Fresnel Lens, Wet Location Listed

**Height:** 6-1/2˝ [165mm]
**Outside Diameter:** 8˝ [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

6˝
Recessed Downlighting
Trims

Compact Fluorescent

HALO®®

270
• White Trim with frosted Albalite glass lens and reflector
• Wet location listed for use in showers
• Non-conductive, non-corrosive gasketed polymer trim ring
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<th>H = 18W DTT or 18W TTT</th>
<th>T = 26W TTT</th>
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</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

272
• Frosted Glass Dome and reflector
• Wet location listed for use in showers
• Non-conductive, non-corrosive gasketed polymer trim ring
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>W = 13W DTT or 13W TTT</th>
<th>H = 18W DTT or 18W TTT</th>
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</thead>
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</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

75
• All glass diffuser
• Torsion spring retention

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<td>H271ICAT</td>
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<td>H271RICAT</td>
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</table>

370W
• Trim features regressed albalite glass lens, and white
• Torsion spring retention

<table>
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<th>W = 13W DTT or 13W TTT</th>
<th>H = 18W DTT or 18W TTT</th>
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<tr>
<td>H270RICAT</td>
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</tbody>
</table>

DTT = Double Twin Tube, TTT = Triple Twin Tube

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

**406**

- Trim consists of baffle, upper reflector section and torsion springs

<table>
<thead>
<tr>
<th>Part Number</th>
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<th>Watts</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<td>26W DTT or 26W TTT, 32W TTT</td>
<td></td>
</tr>
</tbody>
</table>

_DTT = Double Twin Tube, TTT = Triple Twin Tube_

**406WWB**

- White Baffle with White Reflector and Torsion Springs

**406WB**

- White Baffle with Clear Specular Reflector and Torsion Springs

**406BA**

- Black Baffle with Clear Specular Reflector and Torsion Springs

**406**

_Baffle_

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

<table>
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<tr>
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_DTT = Double Twin Tube, TTT = Triple Twin Tube_

**424**

_Wall Wash / Reflector Downlight_

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

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_DTT = Double Twin Tube, TTT = Triple Twin Tube_

**ERT770**

**Reflector**

- Torsion springs pull trim tight against ceiling
- Self flanged reflector
- Gloss White trim ring

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_DTT = Double Twin Tube, TTT = Triple Twin Tube_

**424P**

- White Trim with Specular Clear Reflector and Wall Wash Reflector

**ERT770MTS**

- Gloss White Trim Ring, Matte Reflector

**ERT770TS**

- Gloss White Trim Ring, Clear Specular Reflector

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
## ERT771

- Torsion springs pull trim tight against ceiling
- Self flanged reflector
- Gloss White trim ring

<table>
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<td>26W DTT or 26W TTT, 32W TTT</td>
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</tbody>
</table>

**ERT771TS**
- Gloss White Trim Ring and Reflector

### Dimensions
- Height: 5-3/8" [138mm]
- Outside Diameter: 7-3/4" [197mm]

---

## ERT772

- Self flanged trim with gloss white trim ring
- Trim consists of complete baffle and full reflector
- Torsion spring retention

<table>
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<tr>
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**ERT772WHTTS**
- Gloss White Trim Ring with Gloss White Baffle and Reflector and Torsion Springs

**ERT772TS**
- Gloss White Trim Ring with Black Baffle and Torsion Springs

### Dimensions
- Height: 5-3/8" [138mm]
- Outside Diameter: 7-3/4" [197mm]

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H274E, H276E

6" Aperture, New Construction, Non-IC Compact Fluorescent, 13W

The H274E series offers the reliability and versatility of the H7 family with the operating efficiencies of compact fluorescent operation. The H274E series of compact fluorescent housings offer high performance electronic ballasts. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
• Single wall housing with white semi-gloss paint finish.

PLASTER FRAME
• Galvanized steel die-formed construction.
• Housing adjusts in plaster frame to accommodate up to 1-3/4" ceiling thickness.
• Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - HALO identity embossed on plaster frame.

SLIDE-N-SIDE™ JUNCTION BOX
• Positioned to accommodate straight conduit runs
• Seven 1/2" trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ connectors allow non metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24" joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening for 12" joists.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
G24q-1/GX24q-1 socket for one 13W 4-pin compact fluorescent lamp (lamp by others).

LAMP
Compact Fluorescent lamp (by others). Generic Lamp Designations:
DDT-Double Twin Tube (quad) (CFQ):
- CFQ13W/G24q - 2700K, 3000K, 3500K, 4100K
TTT-Triple Twin Tube (CFTR):
- CFTR13W/GX24q - 2700K, 3000K, 3500K, 4100K

ELECTRONIC BALLAST
• H274E - Electronic universal voltage 120V-277V HPF ballast
• H276E - Electronic 347V HPF ballast
• High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
• End of life protection, sound rating A, and meets FCC EMI/RFI limits.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through

COMPLIANCE
• ENERGY STAR® Qualified (H274E)
### 405
- Full reflector
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Can lip friction clip retention

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<td>H274E</td>
<td>13W TTT or 13W DTT</td>
</tr>
<tr>
<td>H276E</td>
<td>13W TTT or 13W DTT</td>
</tr>
</tbody>
</table>

**Specular Reflector**

- Height: 6” [152mm]
- Outside Diameter: 7-1/4” [184mm]

### 4051
- Full reflector
- Can lip friction clip retention
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H274E</td>
<td>13W TTT or 13W DTT</td>
</tr>
<tr>
<td>H276E</td>
<td>13W TTT or 13W DTT</td>
</tr>
</tbody>
</table>

**Self Flanged White Reflector**

- Height: 6” [152mm]
- Outside Diameter: 7-1/4” [184mm]

### 406
- Trim consists of baffle, upper reflector section and torsion springs

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H274E</td>
<td>13W TTT or 13W DTT</td>
</tr>
<tr>
<td>H276E</td>
<td>13W TTT or 13W DTT</td>
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**Baffle**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>406WWB</td>
<td>White Baffle with White Reflector and Torsion Springs</td>
</tr>
<tr>
<td>406WB</td>
<td>White Baffle with Clear Specular Reflector and Torsion Springs</td>
</tr>
<tr>
<td>406BA</td>
<td>Black Baffle with Clear Specular Reflector and Torsion Springs</td>
</tr>
</tbody>
</table>

### 70
- White Trim, Frosted Glass Albalite Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H274E</td>
<td>13W TTT or 13W DTT</td>
</tr>
<tr>
<td>H276E</td>
<td>13W TTT or 13W DTT</td>
</tr>
</tbody>
</table>

**Albalite Lens**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>70P</td>
<td>White Trim with Frosted Albalite Lens</td>
</tr>
<tr>
<td>70PS</td>
<td>White Trim with Frosted Albalite Lens, Wet Location</td>
</tr>
</tbody>
</table>

Visit [www.cooperlighting.com](http://www.cooperlighting.com) for more information on the complete product offering. Product availability and specifications subject to change without notice.
HALO®

6˝ Recessed Downlighting Trims

71
- White Trim, Drop Opal Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

H274E
H276E

13W TTT or 13W DTT

71P
White Trim with Drop Opal Lens

71PS
White Trim with Drop Opal Lens, Wet Location

73
- White Trim with glass Fresnel Lens
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

H274E
H276E

13W TTT or 13W DTT

73P
White Trim with Fresnel Lens

73PS
White Trim with Fresnel Lens, Wet Location Listed

270
- White Trim with frosted Albalite glass lens and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

H274E
H276E

13W TTT or 13W DTT

270PS
White Trim with Frosted Albalite Lens, Wet Location Listed

271
- White Trim with Drop Opal glass lens and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

H274E
H276E

13W TTT or 13W DTT

271PS
White Trim with Drop Opal Lens, Wet Location Listed

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
272

Dome Lens with Reflector

- Frosted Glass Dome and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Style</th>
<th>Description</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>H276E</td>
<td>13W DTT or 13W TTT</td>
<td></td>
</tr>
</tbody>
</table>

*DTT = Double Twin Tube, TTT = Triple Twin Tube*

Height: 5-1/2˝ [140mm]
Outside Diameter: 7-3/4˝ [197mm]

272PS
White Trim with Frosted Glass Dome, Wet Location Listed

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H280EICAT, H285EICAT
H280ELICAT, H285ELICAT

6” Aperture, New Construction, ICAT
Compact Fluorescent, H280EICAT/H280ELICAT (18W), H285EICAT/H285ELICAT (26W)

The H280EICAT and H285EICAT housings are designed for insulated ceilings and can be in direct contact with ceiling insulation. The AIR-TITE housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The H280 family of compact fluorescent housings also offers a choice of trim types including reflector, lensed and wall wash trims.

<table>
<thead>
<tr>
<th>Housing</th>
<th>Wattage</th>
<th>Voltage</th>
<th>CFL Lamp Type (lamp by others)</th>
<th>Generic Lamp Designation</th>
<th>Socket</th>
<th>Ballast</th>
<th>Lamp</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280EICAT</td>
<td>18W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/2-GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
<td></td>
</tr>
<tr>
<td>H280EICAT</td>
<td>26W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR26W/GX24q</td>
<td>G24q-3/2-GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
<td></td>
</tr>
<tr>
<td>H280ELICAT</td>
<td>18W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/2-GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
<td></td>
</tr>
<tr>
<td>H285ELICAT</td>
<td>26W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR26W/GX24q</td>
<td>G24q-3/2-GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
<td></td>
</tr>
</tbody>
</table>

FEATURES

HOUSING
Double wall aluminum construction.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1-3/8” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable:
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

ELECTRONIC BALLAST
- Electronic universal voltage 120V-277V HPF ballast.
- High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
- End of life protection, sound rating A, and meets FCC EMI/RFI limits.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H280E, H280EL, H280EEM**
**H283E, H283EL**

6” Aperture, New Construction, Non-IC
Compact Fluorescent

The H280E series of compact fluorescent housings offer high performance electronic ballasts. The series offers the reliability and versatility of the H7 family with the operating efficiencies of higher wattage compact fluorescent operation. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing. Fixtures with an “L” suffix are shipped with one compact fluorescent lamp included.

### **TABLE**

<table>
<thead>
<tr>
<th>Housing</th>
<th>Wattage</th>
<th>Voltage</th>
<th>CFL Lamp Type (by others)</th>
<th>Generic Lamp Designation</th>
<th>Socket</th>
<th>Ballast</th>
<th>Lamp</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E</td>
<td>18W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
<td></td>
</tr>
<tr>
<td>H280EL</td>
<td>18W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
<td></td>
</tr>
<tr>
<td>H280EEM</td>
<td>18W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
<td></td>
</tr>
<tr>
<td>H283E</td>
<td>18W</td>
<td>347V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
<td></td>
</tr>
<tr>
<td>H283EL</td>
<td>18W</td>
<td>347V</td>
<td>TTT (Triple Tube)</td>
<td>CFTR18W/GX24q</td>
<td>G24q-2/GX24q-2 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
<td></td>
</tr>
</tbody>
</table>

### **FEATURES**

**HOUSING**
Formed of CRS with white powder coat finish.

**PLASTER FRAME**
Housing adjusts in plaster frame to accommodate up to 1-3/4” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDETM JUNCTION BOX**
- Seven 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable:
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    - (US) #14/2, #14/3, #12/2, #12/3
    - (Canada) #14/2, #14/3, #12/2

**Got NAILTM Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening for 12” joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**EM MODEL H280EEM (Emergency)**
Integral battery backup ballast for emergency lighting upon failure of normal power. Dual voltage only, 120V/277V.

**ELECTRONIC BALLAST (Normal Power)**
- H280E, H280EL - Electronic universal voltage 120V-277V HPF ballast.
- H283E, H283EL - Electronic 347V HPF ballast.
- H280EEM - Electronic universal voltage 120V-277V ballast with emergency 120V/277V dual voltage ballast.
- High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
- End of life protection, sound rating A, and meets FCC EMI/RFI limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.

6˝ Aperture, New Construction, Non-IC Compact Fluorescent

The H280E series of compact fluorescent housings offer high-performance electronic ballasts. The series offers the reliability and versatility of the H7 family with the operating efficiencies of higher wattage compact fluorescent operation. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from sides of housing. Fixtures with an “L” suffix are shipped with one compact fluorescent lamp included.

<table>
<thead>
<tr>
<th>Housing</th>
<th>Wattage</th>
<th>Voltage (lamps by others)</th>
<th>CFL Lamp Type Designation</th>
<th>Generic Lamp</th>
<th>Socket</th>
<th>Ballast</th>
<th>Lamp</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>H285E</td>
<td>26W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
<td>CFTR26W/DX24q</td>
<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Not Included</td>
<td></td>
</tr>
<tr>
<td>H285EL</td>
<td>26W</td>
<td>120V-277V</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
<td>CFTR26W/DX24q</td>
<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
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<tr>
<td>H285EEM</td>
<td>26W</td>
<td>120V-277V Dual Voltage EM</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
<td>CFTR26W/DX24q</td>
<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Not Included</td>
<td></td>
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<tr>
<td>H285EEML</td>
<td>26W</td>
<td>120V-277V Dual Voltage EM</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
<td>CFTR26W/DX24q</td>
<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Included</td>
<td></td>
</tr>
<tr>
<td>H287E</td>
<td>26W</td>
<td>347V</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
<td>CFTR26W/DX24q</td>
<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
<td>Not Included</td>
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<tr>
<td>H287EL</td>
<td>26W</td>
<td>347V</td>
<td>TTT (Triple Tube) DTT (Quad Tube)</td>
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<td>G24q-3/GX24q-3 (4-pin)</td>
<td>Electronic</td>
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<td></td>
</tr>
</tbody>
</table>

FEATURES

HOUSING

Formed of CRS with white powder coat finish.

PLASTER FRAME

Housing adjusts in plaster frame to accommodate up to 1-3/4” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX

- Seven 1/2˝ trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

Got NAIL™ Pass-N-Thru™ BAR HANGERS

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24˝ joist span.

• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening for 12˝ joists.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

EM MODEL H285EEM, H285EEML (Emergency)

Integral battery backup ballast for emergency lighting upon failure of normal power. Dual voltage only, 120V/277V.

ELECTRONIC BALLAST (Normal Power)

- H287E, H287EL - Electronic 347V HPF ballast.
- High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
- End of life protection, sound rating A, and meets FCC EMI/RFI limits.

LABELS

- UL/cUL Listed 1598 Luminaires
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
**HALO®**

**6˝ Recessed Downlighting Trims**

**Compact Fluorescent**

**406**
- Full reflector
- Accessories available: TRM6 designer trim rings, QT403 oversize trim ring
- Can lip friction clip retention

<table>
<thead>
<tr>
<th>Dim.</th>
<th>PSN</th>
<th>18W TTT/ 18W DTT</th>
<th>26W TTT/ 26W DTT</th>
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</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>406SC</td>
<td>White Trim with Clear Specular Reflector</td>
<td>406RG</td>
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<tr>
<td>H283E/H283EL</td>
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<tr>
<td>H280ELICAT/H280ELICAT</td>
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<td>H287E/H287EL</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>H285ELICAT/H285ELICAT</td>
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<td></td>
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</tbody>
</table>

**Baffle**
- Trim consists of baffle, reflector and torsion springs

<table>
<thead>
<tr>
<th>Dim.</th>
<th>PSN</th>
<th>18W TTT/ 18W DTT</th>
<th>26W TTT/ 26W DTT</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>406WWB</td>
<td>White Baffle with White Reflector and Torsion Springs</td>
<td>406WB</td>
</tr>
<tr>
<td>H283E/H283EL</td>
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<tr>
<td>H285ELICAT/H285ELICAT</td>
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</tbody>
</table>

**70**
- White Trim, Frosted Glass Albalite Lens
- PS version is wet location listed and for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Dim.</th>
<th>PSN</th>
<th>18W TTT/ 18W DTT</th>
<th>26W TTT/ 26W DTT</th>
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<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>70P</td>
<td>White Trim with Frosted Albalite Lens</td>
<td>70PS</td>
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<tr>
<td>H283E/H283EL</td>
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<td>H280ELICAT/H280ELICAT</td>
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<td>H287E/H287EL</td>
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</tr>
<tr>
<td>H285ELICAT/H285ELICAT</td>
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<td></td>
</tr>
</tbody>
</table>

**71**
- White Trim, glass Drop Opal Lens
- PS version is wet location listed and AIR-TITE for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Dim.</th>
<th>PSN</th>
<th>18W TTT/ 18W DTT</th>
<th>26W TTT/ 26W DTT</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>71P</td>
<td>White Trim with Drop Opal Lens</td>
<td>71PS</td>
</tr>
<tr>
<td>H283E/H283EL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H280ELICAT/H280ELICAT</td>
<td></td>
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</tr>
<tr>
<td>H287E/H287EL</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>H285ELICAT/H285ELICAT</td>
<td></td>
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</tr>
</tbody>
</table>
### 73 Fresnel Lens

- White Trim with glass Fresnel Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>18W TTT/18W DTT</td>
<td></td>
</tr>
<tr>
<td>H283E/H283EL</td>
<td></td>
<td>Outside Diameter: 8&quot; [203mm]</td>
</tr>
<tr>
<td>H286EICAT/H286ELICAT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H287E/H287EL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H285EICAT/H285ELICAT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DTT = Double Twin Tube, TTT = Triple Twin Tube**

### 75 Diffuser

- All glass diffuser
- Provides some illumination on the ceiling plane
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>18W TTT/18W DTT</td>
<td></td>
</tr>
<tr>
<td>H283E/H283EL</td>
<td></td>
<td>Outside Diameter: 7-3/4&quot; [197mm]</td>
</tr>
<tr>
<td>H286EICAT/H286ELICAT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H287E/H287EL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H285EICAT/H285ELICAT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DTT = Double Twin Tube, TTT = Triple Twin Tube**

### 270 Albalite Lens with Reflector

- White Trim with frosted glass lens and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>18W TTT/18W DTT</td>
<td></td>
</tr>
<tr>
<td>H283E/H283EL</td>
<td></td>
<td>Height: 6-5/8&quot; [168mm]</td>
</tr>
<tr>
<td>H286EICAT/H286ELICAT</td>
<td></td>
<td>Outside Diameter: 8&quot; [203mm]</td>
</tr>
<tr>
<td>H287E/H287EL</td>
<td></td>
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<tr>
<td>H285EICAT/H285ELICAT</td>
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</tr>
</tbody>
</table>

**DTT = Double Twin Tube, TTT = Triple Twin Tube**

### 271 Drop Opal Lens with Reflector

- White Trim with Drop Opal glass lens and reflector
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
<td>18W TTT/18W DTT</td>
<td></td>
</tr>
<tr>
<td>H283E/H283EL</td>
<td></td>
<td>Height: 6-1/2&quot; [165mm]</td>
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<tr>
<td>H286EICAT/H286ELICAT</td>
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<td>Outside Diameter: 8&quot; [203mm]</td>
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<tr>
<td>H287E/H287EL</td>
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</tr>
<tr>
<td>H285EICAT/H285ELICAT</td>
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</tbody>
</table>

**DTT = Double Twin Tube, TTT = Triple Twin Tube**
**HALO® 6˝ Recessed Downlighting Trims**

**Compact Fluorescent**

**272**
- Frosted Glass Dome and reflector
- Wet location listed for use in showers with non-conductive, non-corrosive gasketed polymer trim
- Torsion spring retention

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<td>H280E/H280EL/H280EEM</td>
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<td>H287E/H287EL</td>
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<td>H285ELICAT/H285ELICAT</td>
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**424**
- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

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<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
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<td>H287E/H287EL</td>
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<td>H285ELICAT/H285ELICAT</td>
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**425**
- Coil spring retention

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<tbody>
<tr>
<td>H280E/H280EL/H280EEM</td>
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<td>H283E/H283EL</td>
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<tr>
<td>H280ELICAT/H280ELICAT</td>
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<tr>
<td>H287E/H287EL</td>
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<tr>
<td>H285ELICAT/H285ELICAT</td>
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</table>

**272PS**
- White Trim with Frosted Glass Dome, Wet Location Listed

**424P**
- White Trim

**425W**
- White Trim with White Baffle

**425P**
- White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H47ICT

6° Aperture, New Construction, IC, Slope Ceiling
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). Designed for use in insulated ceilings.

FEATURES

HOUSING
Aluminum single wall housing construction.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness. Galvanized steel construction. Plaster frame features include:
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.
• HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
• Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
• Positioned to accommodate straight conduit runs
• Seven 1/2” trade size conduit knockouts with true pry-out slots
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  (US) #14/2, #14/3, #12/2, #12/3
  (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

PITCH TO DEGREE CONVERSION

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H47ICAT
6” Aperture, New Construction, ICAT, Slope Ceiling
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). Designed for use in insulated ceilings. H47ICAT is sealed and gasketed to limit airflow between plenum and heated or air conditioned areas.

FEATURES

HOUSING
Aluminum double wall housing construction.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT” CONNECTORS
Three quick connect wiring connectors included.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

PITCH TO DEGREE CONVERSION

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H47T**

**6" Aperture, New Construction, Non-IC, Slope Ceiling**

120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

---

**FEATURES**

**HOUSING**

Telescoping housing for ceiling construction down to 2" x 8". With deeper ceilings the housing provides sharper cutoff.

**JUNCTION BOX**

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Four NM cable pryouts included.

**“QUICK CONNECT” CONNECTORS**

Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**

- Porcelain socket with nickel plated brass screw shell.
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp.
- Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

**INTEGRAL THERMAL PROTECTOR**

Thermal protector guards against misuse of insulation materials.

**LABELS**

- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

---

**496**

- One piece seamless baffle
- Baffle ridges are parallel to floor plane

**H47ICT**

- 75W A19, 100W R30, 85W BR30, 75W PAR30L

**H47T**

- 100W A19, 150W A21

**498**

- One piece seamless baffle
- Baffle ridges are parallel to floor plane

**H47ICT**

- 90W PAR38

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**78**
- Wide choice of finishes for any decor
- 30° Tilt, 360° rotation

| 78P | White Trim with White Eyeball |
| 78PAT | White Trim with White Eyeball - AIR-TITE trim |
| 78SN | Satin Nickel Trim with Satin Nickel Eyeball |

**78AC**
Antique Copper Trim with Antique Copper Eyeball

**78TBZ**
Tuscan Bronze Trim with Tuscan Bronze Eyeball

**78B**
Satin Brass Trim with Satin Brass Eyeball

**78PB**
Polished Brass Trim with Polished Brass Eyeball

| Height: 4-1/8” [105mm] 
Aperture: 3-15/16” [100mm] 
Outside Diameter: 8” [203mm] |

---

**170**
- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

| 170P | White Trim with Frosted Albalite Lens |
| 170PS | White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed |

| Height: 4” [101mm] 
Outside Diameter: 8” [203mm] |

---

**417**
- 30° Tilt, 358° rotation

| 417W | White Trim and Eyeball with White Coilex Baffle |
| 417P | White Trim and Eyeball with Black Coilex Baffle |
| 417PB | Polished Brass Trim and Eyeball with Black Coilex Baffle |

| Height: 4-1/8” [105mm] 
Outside Diameter: 8” [203mm] |

---

**1417**
- Low Voltage Trim
- Includes 120V transformer
- Torsion spring retention

| 1417W | White Trim with White Eyeball and White Baffle |
| 1417BA | White Trim with White Eyeball and Black Baffle |

| Height: 5” [127mm] 
Outside Diameter: 7-1/4” [184mm] |

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H645IC
6" Aperture, New Construction, IC and AIR-TITE, Slope Ceiling
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 12/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 12/12). H645IC is AIR-TITE sealed and gasketed to limit airflow between plenum and heated or air conditioned areas.

FEATURES

**HOUSING**
Aluminum double wall housing construction.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**QUICK CONNECT™ CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “tool-less” shortening.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

**SOCKET**
Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Lamp socket and trim can be adjusted 20° laterally for compound slope ceiling or to compensate for off axis aiming. Shipping insert protects socket from overspray.

**INTEGRAL THERMAL PROTECTOR**
Integral thermal protector guards against improper lamping.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
455

- Clear, Gold or Haze Reflector
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>455SCE</th>
<th>455H</th>
<th>455SCG</th>
</tr>
</thead>
<tbody>
<tr>
<td>65W BR30, 75W R30, 75W PAR30L</td>
<td>White Trim with Clear Specular Reflector</td>
<td>White Trim with Haze Reflector</td>
</tr>
<tr>
<td>White Trim with Champagne Gold Reflector</td>
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</table>

OD: 7-1/4” [184mm]

456

- One piece seamless baffle
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

<table>
<thead>
<tr>
<th>456W</th>
<th>456P</th>
</tr>
</thead>
<tbody>
<tr>
<td>OD: 7-1/4” [184mm]</td>
<td>White Trim with White Baffle</td>
</tr>
<tr>
<td>456W: 50W PAR30L, 65W BR30</td>
<td>White Trim with Black Baffle</td>
</tr>
<tr>
<td>75W PAR30L with H1999 Socket Extender</td>
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<tr>
<td>456P: 60W BR30, 50W PAR30L</td>
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</tr>
</tbody>
</table>

78

- Wide choice of finishes for any decor
- 30° Tilt, 360° rotation

<table>
<thead>
<tr>
<th>78P</th>
<th>78PAT</th>
<th>78SN</th>
</tr>
</thead>
<tbody>
<tr>
<td>OD: 7-1/4” [184mm]</td>
<td>White Trim with White Eyeball</td>
<td></td>
</tr>
<tr>
<td>78PAT: White Trim with White Eyeball - AIR-TITE trim</td>
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<tr>
<td>White Trim with White Eyeball - AIR-TITE trim</td>
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<tr>
<td>78SN: Satin Nickel Trim with Satin Nickel Eyeball</td>
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<tr>
<td>78AC</td>
<td>78TBZ</td>
<td>78B</td>
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<tr>
<td>Antique Copper Trim with Antique Copper Eyeball</td>
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<tr>
<td>Tuscan Bronze Trim with Tuscan Bronze Eyeball</td>
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<tr>
<td>Satin Brass Trim with Satin Brass Eyeball</td>
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<tr>
<td>78PB</td>
<td>Polished Brass Trim with Polished Brass Eyeball</td>
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</tbody>
</table>

Height: 4-1/8” [105mm]
Aperture: 3-15/16” [100mm]
Outside Diameter: 8” [203mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
170
- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

H645IC  60W A19

Height: 4" [101mm]
Outside Diameter: 8" [203mm]

170P
White Trim with Frosted Albalite Lens

170PS
White Trim with Frosted Albalite Lens, Wet Location and AIR-TITE listed

417
- 30° Tilt, 358° rotation

H645IC  75W R30, 65W BR30

Outside Diameter: 8" [203mm]

417W
White Trim and Eyeball with White Coilex Baffle

417P
White Trim and Eyeball with Black Coilex Baffle

417PB
Polished Brass Trim and Eyeball with Black Coilex Baffle

1417
- Low Voltage Trim
- Includes 120V transformer
- Torsion spring retention

H645IC  75W R30, 65W BR30

Height: 5" [127mm]
Outside Diameter: 7-1/4" [184mm]

1417W
White Trim with White Eyeball and White Baffle

1417BA
White Trim with White Eyeball and Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H247ICAT

6" Aperture, Slope Ceiling, New Construction, ICAT
Compact Fluorescent, 26W, 32W, 42W

The H247ICAT is designed for energy efficient downlighting using high wattage compact fluorescent lamps. The lamp socket aiming mechanism provides adjustability in sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The H247ICAT housing design is sealed and gasketed to limit airflow between attic and living areas. Includes 120V NPF electronic compact fluorescent ballast.

**FEATURES**

**HOUSING**
Aluminum double wall housing construction.

**PLASTER FRAME**
- Housing adjusts in plaster frame to accommodate up to 1 ceiling thickness.
- Galvanized steel construction.
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

**SLIDE-N-SIDE™ JUNCTION BOX**
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ connectors allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- Allows wiring connections to be made outside the junction box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**"QUICK CONNECT" CONNECTORS**
Three quick connect wiring connectors included.

**Got NAIL!™ Pass-N-Thru™ BAR HANGERS**
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24° joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "tool-less" shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.
- 12,000 hour rated average life.
- 82 CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K medium-warm incandescent-like light, 3500K medium-cool, and 4100K cool.

**ELECTRONIC BALLAST**
Thermally protected, fused, 120 volt, 60 Hz, NPF electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaires
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through

**COMPLIANCE**
- ENERGY STAR® Qualified
- Can be used for State of California Title 24 - High Efficacy Compliance
- Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

**PITCH TO DEGREE CONVERSION**

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H248ICAT1D

6" Aperture, Slope Ceiling, New Construction, ICAT Compact Fluorescent, 26W, 32W, 42W

The H248ICAT1D is designed for energy efficient downlighting using high wattage compact fluorescent lamps. The lamp socket aiming mechanism provides adjustability in sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The H248ICAT1D housing design is sealed and gasketed to limit airflow between attic and living areas. Includes 120V NPF electronic dimming compact fluorescent ballast.

FEATURES

HOUSING
Aluminum double wall housing construction.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness.
• Galvanized steel construction.
• Plaster frame features include:
  - Regressed locking screw for securing hanger bars.
  - Cutouts for easily crimping hanger bars in position.
  - HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
  - Pre-installed AIR-TITE gasket.

SLIDE-N-SIDE™ JUNCTION BOX
• Positioned to accommodate straight conduit runs up to 1" ceiling thickness.
• Seven 1/2" trade size conduit knockouts with true pry-out slots.
• Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
• Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Accommodates the following standard non-metallic sheathed cable sizes:
    (US) #14/2, #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2

“QUICK CONNECT™” CONNECTORS
Three quick connect wiring connectors included.
Got NAIL™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.

PITCH TO DEGREE CONVERSION

Housing can be positioned at any point within 24° joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tool-less” shortening.
• Bar hangers may be repositioned 90°.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
• G24q-3/GX24q-4 socket for one 26W DTT - Double Twin Tube (Quad)
• TTT-Triple Twin Tube (Quad) (CFQ):
  - CFQ26W/G24q - 2700K, 3000K, 3500K, 4100K
  - CFTR26W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR32W/GX24q - 2700K, 3000K, 3500K, 4100K
  - CFTR42W/GX24q - 2700K, 3000K, 3500K, 4100K
• Triple Twin Tube compact fluorescent lamps (Triple Twin Tube lamp is preferred for best visual comfort). The ballast offers 100% to 15% nominal dimming range. Meets FCC Title 47 CFR Part 18 for Consumer Level limits.

LAMP
Compact Fluorescent lamp (by others).
• 82 CRI rated lamps provide excellent color and high visual comfort.

COMPLIANCE
• ENERGY STAR® Qualified
• Can be used for State of California Title 24 - High Efficacy Compliance
• Can be used for International Energy Conservation Code (IECC) - High Efficacy Compliance

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
• One piece seamless baffle
• Baffle ridges are parallel to floor plane
• Clear specular reflector

H247ICAT

H248ICAT1D

DTT = Double Twin Tube, TTT = Triple Twin Tube

Height: 5-1/2˝ [140mm]
Aperture: 5-1/4˝ [133mm]
OD: 7-7/8˝ [200mm]

**H248ICAT1D Dimming Features**

Features include:
• 100% to 15% nominal dimming range with compatible dimmers
• Standard wiring (2 wire plus ground, e.g. NM14/2 or NM12/2)
• 26W, 32W and 42W compact fluorescent 4-pin lamps
• Double Twin Quad Tube (DTT) or Triple Twin Tube (TTT) lamps - TTT lamps recommended for best lamp regression and trim compatibility. Check trim listings for lamp compatibility.

**Dimming Models**

<table>
<thead>
<tr>
<th>Aperture</th>
<th>Wattage/Type</th>
<th>Generic Lamp ID</th>
<th>Color Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>6˝</td>
<td>26W DTT Quad</td>
<td>CFQ26W/G24q</td>
<td>/827/830/835/841</td>
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<tr>
<td></td>
<td>26W, 32W, 42W TTT Triple</td>
<td>CFTR26W/Gx24q, CFTR32W/Gx24q, CFTR42W/Gx24q</td>
<td>/827/830/835/841</td>
</tr>
</tbody>
</table>

**Dimmer Application Notes**

• Select dimmers rated for phase controlled fluorescent dimming ballasts. (Dimmer compatible with AmbiStar* fluorescent dimming ballast or similar.)
• 120V, 60 Hz standard 2-wire plus ground wiring.
• Consult dimmer manufacturer for maximum dimmer load.
• Fluorescent dimming may vary from incandescent dimming. Performance results may vary based upon dimmer model, manufacturer and circuit wiring.
• Contact dimmer manufacturer for compatible product selection.

*AmbiStar is a registered trademark of Philips Advance.

**Standard Compact Fluorescent Dimmers by COOPER Wiring Devices**

- Aspire Smart Dimmer Master - 9560*
  Single Pole / Multi-location, 1000VA Fluorescent
- Aspire Slide Dimmer - 9568*
  Single-Pole / 3-Way, 8A Fluorescent

- Accell - AF10
  Smart Dimmer Master, Fluorescent, 1000W
- Devine - DSFAP
  Single-Pole / 3-Way, 8A Fluorescent, Slide Dimmer
- Skye - SF8AP
  Single-Pole / 3-Way, 8A Fluorescent, Full Slide Dimmer

• Cooper Wiring Devices CFL compatible dimmers are illustrated for reference.
• For product selection, ordering information and where to purchase contact Cooper Wiring Devices at www.cooperwiringdevices.com.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H44T

8” Aperture, Non-IC
Commercial grade fixture with deep reflector and baffle trims.
H44 installations must allow 24” between centers, 1/2” from top of fixture and overhead material and 12” between fixture center and side wall. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

HOUSING
Die-formed CRS, white finish.

PLASTER FRAME
- Die-cast aluminum.
- 1-5/8” deep collar accommodates varying dimensions of ceiling materials.

JUNCTION BOX
Four 1/2” and two 3/4” knockouts are provided.

BAR HANGERS
One piece bar hangers span 24” joists.

ADJUSTABLE MOUNTING BRACKET
1/2” to 3” vertical adjustment.

SOCKET
Porcelain socket with nickel-plated screw shell.

THERMAL PROTECTOR
Provides positive thermal protection.

ACCESSORY
HSA-6 Slope Ceiling adapter

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated

H44T

446
- Spun aluminum in clear specular finish
H44T 65W BR30, 75W R30

448
- Baffle Cone with deep lamp regression
H44T 120W BR40, 150W R40, 150W PAR38

440
- Scoop wall wash trim
H44T 120W BR40, 150W R40

Reflector
White Trim Ring with Clear Specular Reflector
Outside Diameter: 7-1/4” [184mm]

Baffle
White Trim Ring with deep Black Baffle
Outside Diameter: 7-1/4” [184mm]

Wall Wash
White Trim Ring with Black Baffle and White Scoop
Outside Diameter: 7-1/4” [184mm]

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Compartment Fluorescent ........................................ 7-2
Slope Ceiling Incandescent .................................. 7-6
Commercial Grade Incandescent ............................. 7-8
HID ........................................................................ 7-11
H880E, H880EEM, H880E347

7” Aperture, New Construction, Non-IC
Compact Fluorescent

A compact fluorescent housing with electronic ballast for one vertically mounted lamp (lamp by others). Multiple wattage capabilities of 26W, 32W or 42W triple tube compact fluorescent. For use in non-insulated ceilings.

### FEATURES

#### PLASTER FRAME
- Precision die stamped steel frame.
- Bar hanger brackets on four sides.
- Trim supports adjust 3/4” to accommodate different ceiling thicknesses.

#### JUNCTION BOX
- Five 1/2” and two 3/4” trade size conduit knockouts.
- Access to junction box and ballast from below ceiling by removing reflector.

#### BAR HANGERS
- Two piece bar hangers accommodate joist spacing up to 24”.
- Bar hangers can be repositioned 90° to simplify clearance for wiring.

#### SOCKET CAP
- Adjusts and locks without tools for normal and wide beam distributions.
- Secures to trim with spring clips.

#### ELECTRONIC BALLAST (Normal Power)
- H880E - Electronic universal voltage 120V-277V HPF ballast.
- H880EEM - Electronic universal voltage 120V-277V ballast with emergency 120V/277V dual voltage EM.
- H880E347 - Electronic 347V HPF ballast
- High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
- End of life protection, sound rating A and FCC non-consumer ratings are standard.

#### EM MODEL H880EEM (Emergency)
Integral battery backup ballast for emergency lighting upon failure of normal power. Dual voltage 120V/277V only.

#### LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Thru

### H880E, H880EEM, H880E347

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<th>Wattage</th>
<th>Voltage</th>
<th>CFL Lamp Type (lamp by others)</th>
<th>Generic Lamp Designation</th>
<th>Socket</th>
<th>Ballast</th>
<th>Lamp</th>
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<tr>
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<td>120V-277V</td>
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<td></td>
<td>CFTR42W/GX24q</td>
<td>G24q-3 (4-pin)</td>
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<td>H880EEM</td>
<td>26/32/42W</td>
<td>120V/277V</td>
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<td>H880E347</td>
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<td>347V</td>
<td>TTT (Triple Tube)</td>
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<td>G24q-3 (4-pin)</td>
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<td>CFTR32W/GX24q</td>
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<td>CFTR42W/GX24q</td>
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</table>

### 870

- Specular clear reflector
- Black or white lower baffle section
- Upper specular reflector section maximizes optical efficiency

#### 870C
- White Trim with Clear Specular Reflector

#### 870WB
- White Trim with White Baffle

#### 870BA
- White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H800E, H802E, H803E
H800EEM, H802EEM, H803EEM
H800E347, H802E347, H803E347

7˝ Aperture, New Construction, Non-IC
Compact Fluorescent

The Halo H800E, H802E and H803E compact fluorescent housings offer high performance for two horizontally mounted, electronic ballasted, Double Twin Tube, 4-pin compact fluorescent lamps (lamps by others). For non-insulated ceilings.

FEATURES

PLASTER FRAME
• Precision die stamped steel frame.
• Bar hanger brackets on four sides.
• Trim supports adjust 3/4” to accommodate different ceiling thicknesses.

JUNCTION BOX
• Five 1/2” and two 3/4” trade size conduit knockouts.
• Access to junction box and ballast from below ceiling by removing reflector.

BAR HANGERS
• Two piece bar hangers accommodate joist spacing up to 24”.
• Bar hangers can be repositioned 90° to simplify clearance for wiring.

ELECTRONIC BALLAST (Normal Power)
• H800E, H802E, H803E - Electronic universal voltage 120V-277V HPF ballast.
• H800E-347, H802E-347, H803E-347 - Electronic 347V HPF ballast
• H800EEM, H802EEM, H803EEM - Electronic universal voltage 120V/277V dual voltage ballast.
• High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
• End of life protection, sound rating A and FCC non-consumer ratings are standard.

EM MODEL H800EEM, H802EEM, H803EEM (Emergency)
Integral battery backup ballast for emergency lighting upon failure of normal power. Dual voltage 120V/277V only.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Wet Location Listed, covered ceiling
• UL/cUL Listed for Feed Through

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Recessed Downlighting Trims

Compact Fluorescent

810
- Specular clear reflector

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Watts</th>
<th>Description</th>
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<tr>
<td>H800E</td>
<td>(2) 13W DTT</td>
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Specular Reflector

804
- Crossblade louver provides sharp cutoff to lamps

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<tr>
<th>Part Number</th>
<th>Watts</th>
<th>Description</th>
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<tbody>
<tr>
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Crossblade Louver

810
- Black or white lower baffle section
- Upper specular reflector section maximizes optical efficiency

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Watts</th>
<th>Description</th>
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<tr>
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Baffle

800
- Regressed frosted albalite glass lens
- Wet Location Listed for use in showers

<table>
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<th>Watts</th>
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Albalite Lens

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### 801
- Regressed Drop Opal glass lens
- Wet Location Listed for use in showers

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</table>

**801P**
- White Trim with Drop Opal Lens

**Outside Diameter:** 7-7/8” [200mm]

### 803
- Regressed Fresnel glass lens
- Wet Location Listed for use in showers

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<td>H803E-347</td>
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**803P**
- White Trim with Fresnel Lens

**Outside Diameter:** 7-7/8” [200mm]

### 810WW
- Scoop wall wash trim with black baffle

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<tbody>
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</tr>
</tbody>
</table>

**810WW**
- White Trim with White Scoop and Black Baffle

**Outside Diameter:** 8-1/4” [210mm]

---

Visit [www.cooperlighting.com](http://www.cooperlighting.com) for more information on the complete product offering. Product availability and specifications subject to change without notice.
H745ICAT
7˝ Aperture, New Construction, ICAT, Slope Ceiling
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 12/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down regardless of ceiling pitch. H745ICAT is sealed and gasketed to limit airflow between plenum and heated or air conditioned areas.

FEATURES

HOUSING
Double wall aluminum housing construction.

PLASTER FRAME
Housing adjusts in plaster frame to accommodate up to 1-1/2” ceiling thickness. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- HALO name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket.

JUNCTION BOX
- Seven 1/2” trade size conduit knockouts with true pry-out slots and four NM cable pry-out slots with integral strain relief.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toless” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Lamp socket and trim can be adjusted 15° laterally for compound slope ceiling or to compensate for off axis aiming.

INTEGRAL THERMAL PROTECTOR
Integral thermal protector guards against improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for direct contact with insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-CECC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

PITCH TO DEGREE CONVERSION
**457**

- Specular Reflector
- Round aperture matches other recessed downlights
- Torsion Spring construction

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>H745ICAT</td>
<td>Specular Reflector</td>
<td>75W R30, 65W BR30</td>
</tr>
</tbody>
</table>

Outside Diameter: 9-3/4” [248mm]

**457SC**
White Trim with Clear Specular Reflector

**457CG**
White Trim with Champagne Gold Reflector

---

**457**

- White finish reflector
- Round aperture matches other recessed downlights
- Torsion Spring construction

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<tr>
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<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>H745ICAT</td>
<td>White Reflector</td>
<td>65W BR30, 75W R30, 75W PAR30, 90W PAR38</td>
</tr>
</tbody>
</table>

Outside Diameter: 9-3/4” [248mm]

**457PW**
White Trim with White Reflector

---

**457**

- Black or white polymer baffle with attached white polymer trim ring
- Round aperture matches other recessed downlights
- Torsion Spring construction

<table>
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<tr>
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<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>H745ICAT</td>
<td>Baffle</td>
<td>65W BR30, 75W R30, 75W PAR30, 90W PAR38</td>
</tr>
</tbody>
</table>

Outside Diameter: 9-3/4” [248mm]

**457W**
White Trim with White Baffle

**457P**
White Trim with Black Baffle

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H600T**

7˝ Aperture, Rough-In Housing, Non-IC
120V Line Voltage

A rough-in housing that can be used for new construction and remodeling. For use with 120V incandescent lamps. For use in non-insulated ceilings.

### FEATURES

**PLASTER FRAME**
- Precision die stamped “boat shaped” plaster frame.
- May be used for new construction or remodeling installations.

**JUNCTION BOX**
- Four speed clips for “NM” cable connections.
- Four 1/2˝ trade size conduit knockouts for conduit or BX connections.

**BAR HANGERS**
- Captive hanger bars accommodate spacing up to 24”.
- Fixture may be positioned at any point along length of fully extended hanger bars.

**SOCKET CAP**
Deep drawn heat dissipating steel.

**SPRING CLIPS**
To release trim, twist trim and spring clips pivot allowing easy removal from below ceiling.

**THERMAL PROTECTOR**
Thermal protector deactivates fixture if insulation material is misapplied.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Through

### 1603

- Anodized reflector cone

| H600T | 100W A19, 100W R30, 150W A21, 150W R40, 150W PAR38, 85W BR30, 120W BR40 |

Height: 7-3/8˝ to 8-1/8˝ [187mm to 206mm]
OD: 7-1/2˝ [191mm]

### 603

- Baffle trim
- Straight-sided baffle profile

| H600T | 100W A19, 150W R40, 150W PAR38, 120W BR40 |

Height: 7-3/8˝ to 8-1/8˝ [187mm to 206mm]
OD: 7-1/2˝ [191mm]
7˝ Commercial Grade Incandescent Recessed Downlighting Trims

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.

1603
- Baffle trim
- Contoured baffle profile offers smaller lamp opening

| H600T | 100W A19, 150W R40, 150W PAR38, 120W BR40 |

1603BA
White Trim with Black Baffle

Height: 7-3/8” to 8-1/8”
[187mm to 206mm]
OD: 7-1/2” [191mm]

1636
- Reflector trim with adjustable socket mechanism

| H600T | 100W R30, 150W R40, 150W PAR38, 85W BR30, 120W BR40 |

1636C
White Trim Ring with Clear Anodized Cone and Tilt Mechanism

Height: 7-7/8” [200mm]
OD: 7-1/2” [191mm]

1636
- Baffle trim with adjustable socket mechanism

| H600T | 100W R30, 150W R40, 150W PAR38, 85W BR30, 120W BR40 |

1636BA
White Trim Ring with Black Baffle and Tilt Mechanism

Height: 7-7/8” [200mm]
OD: 7-1/2” [191mm]

671
- Wet location listed shower light

| H600T | 75W A19 |

671P
White Trim Ring with Frosted Drop Opal Lens

Height: 6-7/8” [175mm]
OD: 7-1/2” [191mm]

1670
- Regressed lens with reflector trim

| H600T | 100W A19 |

1670P
White Trim Ring with Frosted Albalite Lens

Height: 6-7/8” [175mm]
OD: 7-1/2” [191mm]
1673  • Regressed lens with reflector trim

H600T  100W A19

Recessed Fresnel Lens

Height: 6-7/8” [175mm]
OD: 7-1/2” [191mm]

1673P  White Trim Ring with Fresnel Lens

1625  • Scoop wall wash trim

H600T  100W R30, 150W R40,
150W R4R38, 85W BR30,
120W BR40

Wall Wash

Height: 8-5/8” to 9-3/8”
[219mm to 238mm]
OD: 7-1/2” [191mm]

1625P  White Trim Ring with Scoop and Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
M700T

7˝ Aperture, Non-IC
Magnetic Ballast, Metal Halide, HID

A low brightness 7˝ aperture recessed downlight for use with metal halide lamps. Specular reflector or Colex baffle trims minimize aperture brightness and provide a 45° visual cutoff to lamp (depending upon socket position). Socket cap adjusts for high or low settings, providing normal or wide distribution (cutoff varies with socket position). Suitable for downlighting where a smooth pattern of light is desired—public areas, lobbies, stores and reception areas. Visually, this luminaire provides a uniform beam with a smooth edge. For use in non-insulated ceilings.

FEATURES

PLASTER FRAME
- Precision die stamped steel frame.
- Bar hanger brackets on four sides.
- Trim supports adjust to accommodate ceiling materials up to 1-1/2˝ thick.

JUNCTION BOX
- Positioned on ballast mounting bracket to allow straight conduit runs.
- Eight 1/2” and one 3/4” trade size conduit knockouts.
- Access to junction box by removing reflector.

BAR HANGERS
- Two piece bar hangers accommodate joist spacing up to 24”.
- Bar hangers can be repositioned 90° to simplify clearance for wiring.

SOCKET CAP
- Heat dissipating die-cast aluminum.
- Adjusts and locks without tools for normal and wide beam distributions.

SOCKET
Medium base porcelain socket with nickel plated screw shell (shipped with ballast).

BALLAST
- Quick mount plug-in magnetic ballast with dual tap connections.
- Ballast secures to mounting frame with spring lock. Order ballast separately.

Metal Halide Ballast
720S = 50W MH (120V/277)
730S = 70W MH (120V/277)
738S = 70W MH (120V/347)
740S = 100W MH (120V/277)
748S = 100W MH (120V/347)

QUARTZ LAMP RESTRIKE AND FUSED
M700TQ - Quartz lamp restrike assembly included with housing.
M700TF - Fuse included with housing.
M700TQF - Quartz lamp restrike assembly with fuse included with housing.
1705BAQ - White trim ring with specular clear reflector and tempered glass shield
1705CQ - White trim ring with black baffle and tempered glass shield
1770PQ - White trim ring with regressed albalite glass diffuser

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Through

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
1705
• Full reflector with tempered glass shield for use with metal halide lamps

<table>
<thead>
<tr>
<th></th>
<th>Specular Reflector with Tempered Glass Shield</th>
</tr>
</thead>
<tbody>
<tr>
<td>M700T-720S</td>
<td>50W MH</td>
</tr>
<tr>
<td>M700T-730S/738S</td>
<td>70W MH</td>
</tr>
<tr>
<td>M700T-740S/748S</td>
<td>100W MH</td>
</tr>
</tbody>
</table>

Outside Diameter: 8-1/4” [210mm]

1705C
White Trim with Clear Specular Reflector and Tempered Glass Shield

1705CQ
For use with Quartz lamp restrike

1705
• Black or white baffle options
• Full upper reflector section with tempered glass shield for use with metal halide lamps

<table>
<thead>
<tr>
<th></th>
<th>Black Baffle with Tempered Glass Shield</th>
</tr>
</thead>
<tbody>
<tr>
<td>M700T-720S</td>
<td>50W MH</td>
</tr>
<tr>
<td>M700T-730S/738S</td>
<td>70W MH</td>
</tr>
<tr>
<td>M700T-740S/748S</td>
<td>100W MH</td>
</tr>
</tbody>
</table>

Outside Diameter: 8-1/4” [210mm]

1705WB
White Trim with White Baffle and Tempered Glass Shield

1705BA
White Trim with Black Baffle and Tempered Glass Shield

1705BAQ
For use with Quartz lamp restrike

1770
• Regressed frosted albalite glass diffuser for use with metal halide lamps

<table>
<thead>
<tr>
<th></th>
<th>Albalite Glass Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>M700T-720S</td>
<td>50W MH</td>
</tr>
<tr>
<td>M700T-730S/738S</td>
<td>70W MH</td>
</tr>
<tr>
<td>M700T-740S/748S</td>
<td>100W MH</td>
</tr>
</tbody>
</table>

Outside Diameter: 8-1/4” [210mm]

1770P
White Trim with Regressed Albalite Diffuser

1770PQ
For use with Quartz lamp restrike

1773
• Regressed glass Fresnel diffuser for use with metal halide lamps

<table>
<thead>
<tr>
<th></th>
<th>Fresnel Glass Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>M700T-720S</td>
<td>50W MH</td>
</tr>
<tr>
<td>M700T-730S/738S</td>
<td>70W MH</td>
</tr>
<tr>
<td>M700T-740S/748S</td>
<td>100W MH</td>
</tr>
</tbody>
</table>

Outside Diameter: 8-1/4” [210mm]

1773P
White Trim with Regressed Fresnel Lens

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Incandescent .............................................. 8-2
Compact Fluorescent ................................ 8-4
Commercial Grade Incandescent .............. 8-9
H1T

8” Aperture, New Construction, Non-IC
120V Line Voltage, Incandescent

A versatile 8-1/2” square aperture fixture for use with A19 incandescent lamps. The H1T is complete with a built-in aluminum reflector, plaster frame, and feed-through junction box. A variety of trim styles are available for the H1T housing. H1T provides a versatile housing choice with square trims. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

REFLECTOR
One piece die formed aluminum reflector.

PLASTER FRAME
- Galvanized steel construction.
- Reflector adjusts 3/4” in plaster frame.

JUNCTION BOX
- Six easy to remove 1/2” pryouts allow junction box access from top and sides.
- Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated screw shell for medium base incandescent lamps.

THERMAL PROTECTOR
Provides protection against improper use of ceiling insulation.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H1IC

8” Aperture, New Construction, ICAT
120V Line Voltage, Incandescent

An economical Insulated Ceiling AIR-TITE square aperture fixture for use with A19 incandescent lamps. The H1IC is complete with a built-in aluminum reflector, double wall construction, plaster frame, and feed-through junction box. Different trim styles are available for the H1IC housing. Suitable for applications requiring insulated ceiling and restricted air flow rated fixtures.

FEATURES

REFLECTOR
One piece die formed aluminum reflector.

PLASTER FRAME
• Galvanized steel construction.
• Reflector adjusts 3/4” in plaster frame.

HOUSING
Double wall aluminum construction.

JUNCTION BOX
• Six easy to remove 1/2” pryouts allow junction box access from top and sides.
• Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.

Got NAIL“™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “toolless” shortening.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated screw shell for medium base incandescent lamps.

THERMAL PROTECTOR
Provides protection against overlampimg.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through
• IP rated

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598.
May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
H1EF

8" Aperture, New Construction, Non-IC Compact Fluorescent, 18W DTT

A versatile 8-1/2” square aperture electronic ballast housing for use with energy efficient 18W Double Twin Tube Compact Fluorescent lamps. The H1EF is complete with compact fluorescent ballast, aluminum reflector, plaster frame, and feed-through junction box. Several different trim styles are available for the H1EF housing. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

REFLECTOR
One piece die formed aluminum reflector.

PLASTER FRAME
• Galvanized steel construction.
• Reflector adjusts 3/4” in plaster frame.

JUNCTION BOX
• Six easy to remove 1/2” pryouts allow junction box access from top and sides.
• Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
• Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
• Housing can be positioned at any point within 24” joist span.
• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
• Score lines allow “tooleless” shortening.
• Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Two G24q-2, sockets for 18W 4-pin Double Twin Tube compact fluorescent lamps.

BALLAST
• Electronic universal voltage 120V-277V HPF ballast.
• High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
• End of life protection and sound rating A are also standard.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H1EFICAT

8˝ Aperture, New Construction, ICAT Compact Fluorescent, 13W DTT

An electronic ballasted Insulated Ceiling AIR-TITE square aperture fixture for use with energy efficient 13W Double Twin Tube compact fluorescent lamps. The H1EFICAT is complete with a built-in aluminum reflector, double wall construction, plaster frame, and feed-through junction box. Several trim styles are available for the H1EFICAT housing. Suitable for applications requiring insulated ceiling and restricted air flow rated fixtures.

<table>
<thead>
<tr>
<th>FEATURES</th>
</tr>
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<tbody>
<tr>
<td>REFLECTOR&lt;br&gt;One piece die formed aluminum reflector.</td>
</tr>
<tr>
<td>PLASTER FRAME&lt;br&gt;• Galvanized steel construction.&lt;br&gt;• Reflector adjusts 3/4˝ in plaster frame.</td>
</tr>
<tr>
<td>HOUSING&lt;br&gt;Double wall aluminum construction.</td>
</tr>
<tr>
<td>JUNCTION BOX&lt;br&gt;• Six easy to remove 1/2˝ pryouts allow junction box access from top and sides.&lt;br&gt;• Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.</td>
</tr>
<tr>
<td>Got NAIL™ Pass-N-Thru™ BAR HANGERS&lt;br&gt;• Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.&lt;br&gt;• Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.&lt;br&gt;• Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.&lt;br&gt;• Housing can be positioned at any point within 24˝ joist span.&lt;br&gt;• Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.&lt;br&gt;• Score lines allow &quot;tootless&quot; shortening.&lt;br&gt;• Integral T-bar clip snaps onto T-bars - no additional clips required.</td>
</tr>
<tr>
<td>SOCKET&lt;br&gt;Two G24q-1 sockets for 13W 4-pin Double Twin Tube compact fluorescent lamps.</td>
</tr>
<tr>
<td>BALLAST&lt;br&gt;• Electronic universal voltage 120V-277V HPF ballast.&lt;br&gt;• High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.&lt;br&gt;• End of life protection and sound rating A are also standard.</td>
</tr>
</tbody>
</table>

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<tr>
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<tbody>
<tr>
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<td>IC and AIR-TITE™&lt;br&gt;Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:&lt;br&gt;• Washington State Energy Code&lt;br&gt;• International Energy Conservation Code (IECC)&lt;br&gt;• New York State Energy Conservation Construction Code (NY-ECCC)&lt;br&gt;• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H242E

8˝ Aperture, Shallow Ceiling, New Construction, Non-IC
Compact Fluorescent, 13W

A shallow ceiling recessed square housing with universal voltage 120V-277V electronic ballast for two horizontally mounted double twin tube 4-pin lamps (lamps by others). The H242E provides energy-efficient compact fluorescent lighting with square trims. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

**FEATURES**

**HOUSING**
3-1/2˝ shallow ceiling height.

**JUNCTION BOX**
Two 3/4˝ and five 1/2˝ trade size conduit knockouts

**BAR HANGERS**
Adjust to span 24˝ joists.

**BALLAST**
- Universal voltage 120V-277V HPF fluorescent electronic ballast for two 13W double twin tube 4-pin compact fluorescent lamps.
- High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.
- End of life protection, sound rating A are also standard.

**LABELS**
- UL/cUL Listed
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through

<table>
<thead>
<tr>
<th>Housing</th>
<th>Wattage</th>
<th>Voltage</th>
<th>CFL Lamp Type (lamp by others)</th>
<th>Generic Lamp Designation</th>
<th>Socket</th>
<th>Ballast</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>H242E</td>
<td>(2) 13W</td>
<td>120V-277V</td>
<td>DTT (Quad Tube)</td>
<td>CFG13W/G24q</td>
<td>G24q-1 (4-pin)</td>
<td>Electronic</td>
<td>Not included</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
8˝ Incandescent / CFL

Recessed Downlighting Trims

H1T • H1IC • H1EF • H1EFICAT • H242E

- Glass drop diffuser
- Torsion spring retention

11GP

H1T 100W A19
H1IC 60W A19
H1EF (2) 18W DTT
H1EFICAT (2) 13W DTT
H242E (2) 13W DTT

DIT = Double Twin Tube

15

- All glass diffuser - no visible hardware
- Torsion spring retention

Albalite Lens

10PS
White Trim with Glass Albalite Lens,
Wet Location listed Shower Light

10P
White Trim with Glass Albalite Lens

Outside Diameter: 9-3/8˝ [238mm] Square

Drop Diffuser

11GP
White Trim with Glass Drop Diffuser

Outside Diameter: 9-3/8˝ [238mm] Square

Fresnel Lens

13PS
White Trim with Glass Fresnel Lens,
Wet Location listed Shower Light

13
White Trim with Glass Fresnel Lens

Outside Diameter: 9-3/8˝ [238mm] Square

All Glass Diffuser

15
All Glass Frosted Diffuser

Outside Diameter: 9-3/8˝ [238mm] Square

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**110**  
- Wet location listed for use in showers  
- Torsion spring retention  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>H1T</td>
<td>100W A19</td>
</tr>
<tr>
<td>H1IC</td>
<td>60W A19</td>
</tr>
<tr>
<td>H1EF</td>
<td>(2) 18W DTT</td>
</tr>
<tr>
<td>H1EFICAT</td>
<td>(2) 13W DTT</td>
</tr>
</tbody>
</table>

*DTT = Double Twin Tube*

**Albalite Glass Diffuser Shower Light**

Outside Diameter: 9-3/8” [238mm] Square

**113**  
- Wet location listed for use in showers  
- Torsion spring retention  

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*DTT = Double Twin Tube*

**Fresnel Splay**

Outside Diameter: 9-3/8” [238mm] Square

**113P**  
White Splay Trim with Fresnel Lens

**110P**  
White Trim with Frosted Diffuser
H42T

8” Aperture, New Construction, Non-IC
120V Line Voltage

A commercial grade adjustable fixture for use with 300W R40 and BR40 lamps max. Socket and lamp adjust 30° from vertical with 358° rotation.

H42T installations must allow 24” between centers, 1/2” from top of fixture and overhead material and 12” between fixture center and side wall. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

HOUSING
Die-formed CRS, matte black finish.

PLASTER FRAME
• Die-cast aluminum.
• 1-5/8” deep collar accommodates varying dimensions of ceiling materials.

JUNCTION BOX
• Four 1/2” trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
• Separate ground screw provided.

BAR HANGERS
• Unit supplied with 18” bar hangers.

ADJUSTABLE MOUNTING BRACKET
• 1/2” to 3” vertical adjustment.

SOCKET
Porcelain socket with nickel-plated screw shell

SOCKET ADJUSTMENT MECHANISM
Allows lamp to be adjusted 30° from the vertical with 358° rotation

TOP ACCESS
Allows relamping from above or below ceiling

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Wet Location Listed, covered ceiling
• UL/cUL Listed for Feed Through

480

• Spun aluminum in clear specular finish

338

• Baffle Cone

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H46T

8˝ Aperture, Non-IC
120V Line Voltage

Commercial grade fixture with deep reflector and baffle trims.

H46T installations must allow 48˝ spacing between fixture centers, 1/2˝ from fixture top to overhead materials and 24˝ between fixture center and side wall. Not suitable for use in residential dwellings. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

HOUSING
Die-formed CRS, white finish.

PLASTER FRAME
• Die-cast aluminum.
• 1-5/8˝ deep collar accommodates varying dimensions of ceiling materials.

JUNCTION BOX
Four 1/2˝ and two 3/4˝ knockouts are provided.

BAR HANGERS
One piece bar hangers span 24˝ joists.

ADJUSTABLE MOUNTING BRACKET
1/2˝ to 3˝ vertical adjustment.

SOCKET
Porcelain socket with nickel-plated screw shell.

THERMAL PROTECTOR
Provides positive thermal protection.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Damp Location Listed
• UL/cUL Wet Location Listed, covered ceiling
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)

466

• Spun aluminum in clear specular clear finish

Specular Reflector

Outside Diameter: 8-3/4˝ [222mm]

466
White Trim Ring with Clear Specular Reflector

468

• Coilex Baffle

Coilex Baffle

Outside Diameter: 8-3/4˝ [222mm]

468
White Trim Ring with Black Coilex Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H8T

8" Aperture, New Construction, Non-IC
120V Line Voltage

Designed for high wattage applications with lens and adjustable trims. For use in non-insulated ceilings. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

HOUSING
Housing can be removed from plaster frame for junction box access.

JUNCTION BOX
Four 1/2" and two 3/4" knockouts are provided.

BAR HANGERS
One piece bar hangers span 16" joists.

SOCKET
Porcelain socket with nickel-plated screw shell.

THERMAL PROTECTOR
Integral thermal protector guards against misuse of insulation materials and improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

80

- Wet Location listed for use in showers

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
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</thead>
<tbody>
<tr>
<td>HBT</td>
<td>200W A23</td>
</tr>
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</table>

83

- Wet Location listed for use in showers

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<th>Model</th>
<th>Wattage</th>
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<tbody>
<tr>
<td>HBT</td>
<td>200W A23</td>
</tr>
</tbody>
</table>

89

- Regressed eyeball trim

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<th>Model</th>
<th>Wattage</th>
</tr>
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<tbody>
<tr>
<td>HBT</td>
<td>120W BR40, 150W R40</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
Incandescent ............................................ 10-2
Compact Fluorescent ............................... 10-4
HID ....................................................... 10-8
H2T
10" Aperture, New Construction, Non-IC
120V Line Voltage, Incandescent

A versatile 10-1/2" square aperture fixture for use with A19 and A21 incandescent lamps. The H2T is complete with a built-in aluminum reflector, plaster frame, and feed-through junction box. A variety of trim styles are available for the H2T housing. H2T provides a versatile housing choice with square trims. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

FEATURES

REFLECTOR
One piece die formed aluminum reflector.

PLASTER FRAME
- Galvanized steel construction.
- Reflector adjusts 3/4" in plaster frame.

JUNCTION BOX
- Six easy to remove 1/2” pryouts allow junction box access from top and sides.
- Four pryouts with integral strain relief simplify installation of non-metallic sheathed cable.

Got NAIL!™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated screw shell for medium base incandescent lamps.

THERMAL PROTECTOR
Provides protection against improper use of ceiling insulation.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H2IC

10" Aperture, New Construction, ICAT
120V Line Voltage, Incandescent

An insulated Ceiling AIR-TITE square aperture fixture for use with A19 incandescent lamps. The H2IC is complete with a built-in aluminum reflector, double wall construction, plaster frame, and feed-through junction box. Different trim styles are available for the H2IC housing. Suitable for applications requiring Insulated Ceiling rated and Restricted Air Flow rated fixtures.

FEATURES

REFLECTOR
One piece die formed aluminum reflector.

PLASTER FRAME
- Galvanized steel construction.
- Reflector adjusts 3/4" in plaster frame.

HOUSING
Double wall aluminum construction.

JUNCTION BOX
- Six easy to remove 1/2" pryouts allow junction box access from top and sides.
- Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.

Got NAIL™ Pass-N-Thru™ BAR HANGERS
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

SOCKET
Porcelain socket with nickel plated screw shell for medium base incandescent lamps.

THERMAL PROTECTOR
Provides protection against overlamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Feed Through
- IP Rated (Improper Lamp)

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H2EF

10˝ Aperture, New Construction, Non-IC Compact Fluorescent, 26W DTT

An economical square aperture fixture for use with two 26W Double Twin Tube compact fluorescent lamps. The H2EF is complete with a built-in aluminum reflector, plaster frame, and feed-through junction box. Several different trim styles are available for the H2EF housing. H2EF provides economical operation with DTT compact fluorescent lamps. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from the fixtures on all sides.

<table>
<thead>
<tr>
<th>FEATURES</th>
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<tbody>
<tr>
<td>REFLECTOR</td>
</tr>
</tbody>
</table>
One piece die formed aluminum reflector.

<table>
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<tr>
<th>PLASTER FRAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanized steel construction.</td>
</tr>
<tr>
<td>Reflector adjusts 3/4˝ in plaster frame.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>JUNCTION BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six easy to remove 1/2˝ pryouts allow junction box access from top and sides.</td>
</tr>
<tr>
<td>Four pryouts with integral strain relief simplify installation of non-metallic sheathed cables.</td>
</tr>
</tbody>
</table>

Got NAIL!™ Pass-N-Thru™ BAR HANGERS

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24˝ joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12˝ joists.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

<table>
<thead>
<tr>
<th>SOCKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two G24q-3, 4-pin sockets for 26W Double Twin Tube compact fluorescent lamps.</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>BALLAST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic universal voltage 120V-277V HPF ballast.</td>
</tr>
<tr>
<td>High ballast factor provides full light output while high power factor and low THD provide efficient electronic operation.</td>
</tr>
<tr>
<td>End of life protection and sound rating A are also standard.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LABELS</th>
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<tbody>
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</tr>
<tr>
<td>UL/cUL Damp Location Listed</td>
</tr>
<tr>
<td>UL/cUL Listed for Wet Location, covered ceiling</td>
</tr>
<tr>
<td>UL/cUL Listed for Feed Through</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
H2EFICAT

10" Aperture, New Construction, ICAT
Compact Fluorescent, 18W DTT

An economical square aperture fixture for use with two 18W Double Twin Tube compact fluorescent lamps. The H2EFICAT is complete with a built-in aluminum reflector, plaster frame, and feed-through junction box. Several different trim styles are available for the H2EFICAT housing. The H2EFICAT is suitable for applications requiring Insulated Ceiling and Restricted Air Flow requirements.

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<td>• Galvanized steel construction.</td>
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<td>• Reflector adjusts 3/4” in plaster frame.</td>
</tr>
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<table>
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<th>HOUSING</th>
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<tr>
<td>Double wall aluminum construction.</td>
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Got NAIL™ Pass-N-Thru™ BAR HANGERS

| • Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams. |
| • Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary. |
| • Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails. |
| • Housing can be positioned at any point within 24” joist span. |
| • Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame. |
| • Score lines allow “tootless” shortening. |
| • Integral T-bar clip snaps onto T-bars - no additional clips required. |

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</tr>
<tr>
<td>• UL/cUL listed for Direct Contact with insulation and combustible material</td>
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<td>• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”</td>
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<td>(2) 18W</td>
</tr>
<tr>
<td>120V-277V</td>
</tr>
<tr>
<td>DTT (Double Triple Tube)</td>
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<tr>
<td>CFQ18W/G24q</td>
</tr>
<tr>
<td>G24q-2 (4-pin)</td>
</tr>
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<td>Electronic</td>
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<tr>
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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
20
- Frosted lens
- Torsion spring retention

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<th>Bulb Type</th>
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<td>A19 or A21</td>
</tr>
<tr>
<td>H2IC</td>
<td>75W</td>
<td>A19</td>
</tr>
<tr>
<td>H2EF</td>
<td>(2) 26W</td>
<td>DTT</td>
</tr>
<tr>
<td>H2EFICAT</td>
<td>(2) 18W</td>
<td></td>
</tr>
</tbody>
</table>

*DTT = Double Twin Tube*

Albalite Lens

Outside Diameter: 11-5/8" [295mm] Square

20P
White Trim with Glass Albalite Lens

21GP
- Glass drop diffuser
- Torsion spring retention

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</tbody>
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*DTT = Double Twin Tube*

Drop Diffuser

Outside Diameter: 11-5/8" [295mm] Square

21GP
White Trim with Glass Drop Diffuser

23
- Glass fresnel lens
- Torsion spring retention

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*DTT = Double Twin Tube*

Fresnel Lens

Outside Diameter: 11-5/8" [295mm] Square

23P
White Trim with Glass Fresnel Lens

25
- All glass diffuser - no visible hardware
- Torsion spring retention

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*DTT = Double Twin Tube*

All Glass Diffuser

Outside Diameter: 11-5/8" [295mm] Square

25
All Glass Frosted Diffuser

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**Albalite Glass Diffuser Shower Light**

- • Wet location listed for use in showers
- • Torsion spring retention

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<td>H2ERICAT</td>
<td>(2) 18W DTT</td>
<td></td>
</tr>
</tbody>
</table>

*DTT = Double Twin Tube*

**Outside Diameter:** 11-5/8" [295mm] Square

**120P**
White Splay Trim with Frosted Diffuser

**123P**
White Splay Trim with Fresnel Lens

---

**123**

- • Wet location listed for use in showers
- • Torsion spring retention

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*DTT = Double Twin Tube*

**Outside Diameter:** 9-3/8" [238mm] Square

---

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**M200T**

10” Aperture, New Construction, Non-IC Metal Halide, HID

A square aperture fixture for use with metal halide medium base lamps. The M200 is complete with a built-in aluminum reflector, plaster frame, and feed-through junction box and ballast tray. The ballast is ordered separately and may be added after the fixture is installed in the ceiling. A variety of trim styles are available for the M200 housing. For use in non-insulated ceilings.

**FEATURES**

**PLASTER FRAME**
- Precision die stamped steel frame.
- Die stamped ballast tray.
- Bar hanger brackets on four sides.

**JUNCTION BOX**
- Positioned on ballast mounting bracket to allow straight conduit runs.
- Knockouts for eight 1/2” and one 3/4” conduits.

**BAR HANGERS**
- Two piece bar hangers accommodate joist spacing up to 24”.
- Bar hangers can be repositioned 90° to simplify clearance for wiring.

**SOCKET**
- Medium base porcelain socket with nickel plated screw shell.

**BALLAST**
- Quick mount plug-in magnetic ballast.
- Dual tap for 120V or 277V.
  - Note: In Canada, for dual tap 120/347V ballast, change last digit of ballast number to “8”.
- Ballast may be added or changed after the housing is installed.
- Ballasts are available as follows:
  - **Metal Halide**
    - 720 = 50W MH (120V/277V)
    - 728 = 50W MH (120V/347V)
    - 730 = 70W MH (120V/277V)
    - 738 = 70W MH (120V/347V)
    - 740 = 100W MH (120V/277V)
    - 748 = 100W MH (120V/347V)

**INSULATION DETECTOR**
- Self resetting insulation detector deactivates the fixture if insulation is misapplied.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Wet Location Listed, covered ceiling
- UL/cUL Listed for Feed Through

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
23
• Glass fresnel lens
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200-720</td>
<td>50W Metal Halide</td>
</tr>
<tr>
<td>M200-730</td>
<td>70W Metal Halide</td>
</tr>
<tr>
<td>M200-740</td>
<td>100W Metal Halide</td>
</tr>
</tbody>
</table>

Fresnel Lens

Outside Diameter: 11-5/8" [295mm] Square

23P
White Trim with Glass Fresnel Lens

25
• All glass diffuser - no visible hardware
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200-720</td>
<td>50W Metal Halide</td>
</tr>
<tr>
<td>M200-730</td>
<td>70W Metal Halide</td>
</tr>
<tr>
<td>M200-740</td>
<td>100W Metal Halide</td>
</tr>
</tbody>
</table>

All Glass Diffuser

Outside Diameter: 11-5/8" [295mm] Square

25
All Glass Frosted Diffuser

120
• Wet location listed for use in showers
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200-720</td>
<td>50W Metal Halide</td>
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<tr>
<td>M200-730</td>
<td>70W Metal Halide</td>
</tr>
<tr>
<td>M200-740</td>
<td>100W Metal Halide</td>
</tr>
</tbody>
</table>

Albalite Glass Diffuser Shower Light

Outside Diameter: 11-5/8" [295mm] Square

120P
White Splay Trim with Frosted Diffuser

123
• Wet location listed for use in showers
• Torsion spring retention

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200-720</td>
<td>50W Metal Halide</td>
</tr>
<tr>
<td>M200-730</td>
<td>70W Metal Halide</td>
</tr>
<tr>
<td>M200-740</td>
<td>100W Metal Halide</td>
</tr>
</tbody>
</table>

Fresnel Splay

Outside Diameter: 9-3/8" [238mm] Square

123P
White Splay Trim with Fresnel Lens
Recessed Downlighting

**Shallow IC Housing**

- **H221**
  - IC Housing with hanger bars, junction box and magnetic ballast
  - **24P**
    - Flush Diffuser Trim
  - Integral 120V 60 Hz magnetic fluorescent ballast for one 13W Twin Tube 2-pin Compact Fluorescent lamp (F13T7, GX23 base). Junction box listed for through branch circuit wiring and has two 3/4" and five 1/2" knockouts.
  - Bar hangers will span 24" joists, 3-1/2" height for use in shallow ceilings. May be installed in IC applications. May be installed in ceiling or wall. UL/cUL Damp location listed, Feed through Listed, Replacement Lamp: Available by others or as Halo #Z63
  - **Trim:** 5 1/2" x 9 1/4" (140mm x 235mm)

**Brick Light/Aisle Light**

- With thermal protector, brown die cast trim, flat unbreakable lens and tamperproof screws. Non-IC
  - **H2925T**
    - Incandescent 20W T6 1/2 lamps (Halo Z7). Damp location listed.
  - **H2925TW**
    - Incandescent 20W T6 1/2 lamps (Halo Z7). Wet location listed.
  - **H2925PL**
    - 7W 2-pin, G23 base compact fluorescent lamps or 9W lamp. UL/cUL Wet location listed.
  - **Accessory:** SD2925 Tamper proof screwdriver
  - **Housing:**
    - 3 3/8"L x 3 1/2"D x 2 1/4"H
  - **Trim:**
    - 7/8"L x 3 1/2"H

**H2920ICT Step Light**

- Step Light with white louver trim. Wiring connections are made in fixture. 25W A19 lamp.
  - **Finish:** White (P)
  - **Housing:** 8"L x 3 1/2"D x 4 1/2"H
  - **Trim:** 8 7/8"L x 3 1/2"H
  - IP Rated

**H2922ICT Step Light**

- Step Light with white louver trim. Fixture is prewired to junction box. UL/cUL listed junction box rated for feed through. 25W A19 lamp.
  - **Housing:** 11 5/8"L x 3 1/2"D x 5 1/2"H
  - **Finish:** White (P)
  - **Trim:** 9 3/8"L x 5 3/4"H
  - IC rated for direct contact with insulation and combustible materials. IP Rated

**H2922-120PL Step Light**

- Step Light with white louver trim. Fixture is prewired to junction box. UL/cUL listed junction box rated for feed through. Integral 120V, 60 Hz magnetic ballast. 5W / 7W / 9W Twin Tube 2-pin CFL.
  - **Housing:** 11 5/8"L x 3 1/2"D x 5 1/2"H
  - **Finish:** White (P)
  - **Trim:** 9 3/8"L x 5 3/4"H
  - IC rated for direct contact with insulation and combustible materials.

**H2900T Thru-Wall Light, Non-IC**

- Provides lighting on each side of wall. 100W A19. Albalite Lens.
  - **Housing:** 13 1/2"L x 4"D x 8 1/4"H
  - **Finish:** White (P)
  - **Trim:** 11 3/8"L x 7 3/4"H
  - Non-IC IP Rated.

**H2932ICTW Lensed Wall/Step Light**

- UL/cUL Listed for wall mounting in insulation. IC rated for direct contact with insulation and combustible material, UL/cUL listed for damp location; and feed through. White trim with albalite glass lens.
  - **Housing:**
    - 11-1/2" (enclosure and J-box) x 5-1/2" W x 3-1/2" D
  - **Trim:** 5-3/4" H x 9-3/8" L
  - **Finish:** White (P)
  - **Lamp:** 25W, A19 max.

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
**H2932T Closet Light/Shallow Rectangle, Non-IC**
60W A19 lamp. White trim with albalite diffuser. Junction box rated for feed through branch applications. For Non-Insulated Ceilings.

**Housing:**
11 5/8"L x 3 1/2"D x 5 1/2"W

**Trim:**
9 3/8"L x 5 3/4"H

UL/cUL Listed

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**H37T-401AL Heat Light, Non-IC**
250W Infra-Red
8" OD x 5 1/2" Height.
Brushed aluminum trim ring.
For Non-Insulated Ceilings.
IP Rated (Improper Lamp)

---

**477 Power-Trac Adapter**

**Trim**
Allows (120V) Trac Lampholders (150W max) to be used with recessed installations.
Use with H7T, H7ICT, H27T, H27RT, H7RICT, H27RT and H44T housings.

**Finish:**
White with Black Baffle (477P), White with White Baffle (477W)

**OD:**
7 1/4"

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**Dichroic Color Filters**
For low voltage MR16 units.

- L114: UV Filter
- L120: Red
- L121: Amber
- L122: Yellow
- L123: Green
- L124: Daylight
- L125: Blue
- L127: Cosmetic Color Filters
- L130: Yellow

---

**GA-ATH5-6PK - 6-pack H5ICAT Air-Tite™ gaskets**
**GA-ATH7-6PK - 6-pack H7ICAT Air-Tite™ gaskets**
Optional accessory gasket covers the ceiling cut-out opening on a finished ceiling.

---

**Designer Finish Trim Rings**

| TRM6P | White Metal |
| TRM6C | Chrome |
| TRM6SN | Satin Nickel |
| TRM6AC | Antique Copper |
| TRM6TBZ | Tuscan Bronze |
| TRM6MB | Black Metal |
| TRM7MB | Black plastic |


*Supplied with TRM6P white metal trim rings. All others are supplied with white plastic trim rings.
**Oversized Trim Rings**

**OT400P**
6” ID x 9 1/4” OD
Oversized white metal trim ring. May be used behind Halo ML7 LED and All-Pro RL7 LED trim rings.

**OT403P**
6” ID x 8” OD
Oversized white plastic trim ring.
For use when ceiling opening is cut too large. Compatible with 310, 312, 376, 378, 400, 404, 406 (SC and RG only), 409, 410, 416, 419, 420, 424, 425, 426, 429, 446, 448, 477, 478, 1412, 1416, 1475, 2412, 2416, 2475.

**OT999P**
4” ID x 5 3/4” OD
Oversized white metal trim ring.
Compatible with 990, 992, 993, 994, 996, 998, 999, 1419, 1420, 1421, 1493 and 1498.

**OT460P**
7 1/2” ID x 11 1/4” OD
Oversized white metal trim ring compatible with 466, 468 and 480 trims.

**800PGR**
H800 oversized trim ring.
7 1/2” ID x 8 5/8” OD.

**OT500P**
6” ID x 7-1/4” OD
Oversized white polymer trim ring for use with H5 series straight sided trims.

**H1999**
Socket Extender
For use with selected trims and housings. Extends lamp 1” (25mm).

**H277**
Transformer
Steps 277V line voltage down to 120V fixture operating voltage. 300VA max. For use with Non-IC housings.

**H347**
Same as above but steps 347V down to 120V, 75 VA max. For use with Non-IC housings.

**H347200**
Same as above but steps 347V down to 120V, 200 VA max. For use with Non-IC housings.

**Optical Lenses**

For low voltage Mr16 units.

**L110** Diffuse Sand Blasted Lens

**L111** Soft Focus Textured Lens

**L113** Prismatic Lens

**L115** Linear Spread Lens

**H930**
R Lamp Accessory
R/PAR lamp aiming accessory for H7T, H7TNB, H7RT, H7ICT, H7ICT, H7ICT, H7ICT, H7ICT, H7ICT, H7ICT, H7ICT housings with 310 and 426 trims. Allows lamp to be aimed up to 30° from vertical and rotated 358°. See housing-trim selection for lamp listings.

**Mounting Clips**

**TB7**
T-Bar attachment clips. Set of four. Order one set per fixture. Can also be used with HB424 and HB224 Hanger Bars.

**RK7**
Hold down clips for non-remodel fixtures when hanger bars are not used. Set of four.

**SD2925**
Screwdriver
Screwdriver for tamper resistant screws supplied with H2925 and H2926 brick lights.
RS7H
Set of 4 coil springs for use with 301, 310, 401 and 426 trims in the H7 recessed housing family.

GA-ATTRIM-6PK
Accessory / spare trim gasket for use with H7 and EET 700 family trims.

Slope Adapters
White .050 spun aluminum. Available as shown in following table. Items in BOLDF ace are stocked

<table>
<thead>
<tr>
<th>Slope</th>
<th>0°</th>
<th>5°</th>
<th>10°</th>
<th>15°</th>
<th>20°</th>
<th>25°</th>
<th>30°</th>
<th>35°</th>
<th>40°</th>
<th>45°</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” for H4</td>
<td>HSA65</td>
<td>HSA610</td>
<td>HSA615</td>
<td>HSA620</td>
<td>HSA625</td>
<td>HSA630</td>
<td>HSA635</td>
<td>HSA640</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8” for H4</td>
<td>HSA640</td>
<td>HSA65</td>
<td>HSA610</td>
<td>HSA615</td>
<td>HSA620</td>
<td>HSA625</td>
<td>HSA630</td>
<td>HSA635</td>
<td>HSA640</td>
<td></td>
</tr>
</tbody>
</table>

HB224
One piece hanger bar for 24” maximum joist spacing.
Set of two.

HB424
Two piece hanger bar for 24” maximum joist spacing.
Set of four pieces. Order one HB424 per fixture.
Hanger bars are compatible with the following housing families: M700, H800, H801, H802, H803, and H880E.

LAMPS

INCANDESCENT

<table>
<thead>
<tr>
<th>Lamps</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Z7</td>
<td>20W T 6 1/2” IF</td>
</tr>
<tr>
<td>Z9</td>
<td>40W R16 FL</td>
</tr>
<tr>
<td>Z10</td>
<td>100W BR25</td>
</tr>
<tr>
<td>Z28</td>
<td>120V GU10 base, line voltage MR16</td>
</tr>
</tbody>
</table>

LOW VOLTAGE

<table>
<thead>
<tr>
<th>Lamps</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Z21</td>
<td>12V G50W MR16 NSP</td>
</tr>
<tr>
<td>Z26</td>
<td>12V G50W MR16 NFL</td>
</tr>
<tr>
<td>Z31</td>
<td>12V G50W MR16 FL</td>
</tr>
<tr>
<td>Z40</td>
<td>12V G75W MR16 NSP</td>
</tr>
<tr>
<td>Z45</td>
<td>12V G75W MR16 FL</td>
</tr>
<tr>
<td>Z121</td>
<td>50W MR16/10°/TL</td>
</tr>
</tbody>
</table>

Z131 50W MR16/20°/TPL (GE TURN-AND-LOCK BASE)
Z124 50W MR16/40°/TL (GE TURN-AND-LOCK BASE)

COMPACT FLUORESCENT

<table>
<thead>
<tr>
<th>Lamps</th>
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</thead>
<tbody>
<tr>
<td>Z62</td>
<td>22W 15mm PL-C, Gx32d-2 Double Twin Tube Compact Fluorescent (2700°K)</td>
</tr>
<tr>
<td>Z128</td>
<td>28W 15mm PL-C Gx32d-3 Double Twin Tube (DTT) 2-Pin Compact Fluorescent (2700°K)</td>
</tr>
<tr>
<td>Z63</td>
<td>13W Twin Tube Compact Fluorescent, 2-pin, Gx23 (2700°K)</td>
</tr>
<tr>
<td>Z64</td>
<td>13W Double Twin Tube Compact Fluorescent, 2-pin, Gx23-2 (2700°K)</td>
</tr>
<tr>
<td>Z113E</td>
<td>13W Double Twin Tube (DTT) 4-Pin Compact Fluorescent, G24q-1 (2700°K)</td>
</tr>
<tr>
<td>Z118</td>
<td>18W Double Twin Tube (DTT) 2-Pin Compact Fluorescent, G24d-2 (2700°K)</td>
</tr>
<tr>
<td>Z118E</td>
<td>18W Double Twin Tube (DTT) 4-Pin Compact Fluorescent, G24q-2 (2700°K)</td>
</tr>
<tr>
<td>Z126E</td>
<td>26W Double Twin Tube (DTT) 4-Pin Compact Fluorescent, G24q-3 (2700°K)</td>
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<tr>
<td>Z126F30</td>
<td>26W Triple Twin Tube (TTT) 4-Pin PL Compact Fluorescent, GX24q-3 (3000°K)</td>
</tr>
<tr>
<td>Z132P30</td>
<td>32W Triple Twin Tube (TTT) 4-Pin PL Compact Fluorescent, GX24q-3 (3000°K)</td>
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<td>Z142P30</td>
<td>42W Triple Twin Tube (TTT) 4-Pin PL Compact Fluorescent, GX24q-4 (3000°K)</td>
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<tr>
<td>Z118TE30</td>
<td>18W Triple Twin Tube (TTT) 4-Pin Compact Fluorescent, GX24q-2 (3000°K)</td>
</tr>
<tr>
<td>Z126TE30</td>
<td>26W Triple Twin Tube (TTT) 4-Pin Compact Fluorescent, GX24q-3 (3000°K)</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
The ALL-PRO® Advantage

PART OF THE HALO FAMILY
- Compatible with Halo housings and trims - mix and match as needed
- UL and cUL listed.
- Meets or exceeds applicable listing and rating requirements.
- Full offering also on the Halo website at www.cooperlighting.com

Sustainable Design

Energy Efficient Solutions
- Compact fluorescent 6” housings and trims
- RL7 LED all-purpose LED retrofit module-trim
- ENERGY STAR® qualified
- Can be used for California Title 24 and International Energy Conservation Code (IECC) High Efficacy Luminaire Compliance

Full Line of Housings
- 3”, 4”, 5”, 6” Aperture Sizes
- Slope Ceiling
- Remodel
- Low Voltage
- Compact Fluorescent
- AIR-TITE™
- Non-IC
- Shallow Ceiling
- Universal

ALL-NAIL™ Bar Hanger
- Bar hangers have pre-installed nails.
- Bar hangers are pre-installed on housings.
- Integral T-Grid ceiling clip - No additional clips needed.
- Bar hangers can be re-oriented 90° on most All-Pro housings.
- Bar hangers can be shortened without tools.
- Bar hangers have mini leveling foot.

Regressed Locking Screw and Multiple Crimp Points
- Patented regressed screw locks hanger bars in position - regressed design does not interfere with ceiling material.
- Screw can be tightened with slotted or phillips screwdriver or nut driver.
- Multiple bar hanger locking points on the housing allow the downlight to stay in place during drywalling.

Energy Efficient Solutions
- Push-in wire connectors speed installation - simply strip and insert supply wires into connectors. No additional wire nuts are required.
- Standard on most ALL-PRO housings.
- Integral wire traps for non-metallic sheathed cable - no additional connectors necessary.
- Pry-out (knockouts) for metallic cable and rigid conduit connectors.
- Rated for through branch circuit wiring.

Junction Box with Push-In Wire Connectors
- Wide choice of AIR-TITE housings and trims to meet state codes as qualified per test standard ASTM-E283.
- Meets AIR-TITE Code standards such as: California Title 24, IECC, New York - ECC, Washington State EC
- AIR-TITE™ housings have pre-installed gasket

“No-Socket-Bracket” System
- “No-Socket-Bracket” housings and socket supporting trims speed installation of multiple units.
- Provides consistent lamp position in multiple units.

Trims
- Torsion springs
- Friction clips
- Coil springs
- Many trims available in choice of torsion springs or friction clips.

Contractor Friendly Trim Rings
- Most All-Pro trims feature an extra wide trim ring.
- Helps hide any cutout irregularities.
- ERT707 and ERT709 trims in white and black baffle include both narrow style and wide style trim ring - use one, discard the other.

High Gloss Appliance White Finish
- Fingerprints don’t show.
- Easy to clean.
- Matches appliances.
- Matches electrical devices - wall plates, switches etc.
LED ............................................................ A-2
3” Incandescent ........................................ A-4
4” Incandescent ........................................ A-8
4” Low Voltage ........................................ A-11
5” Incandescent ........................................ A-14
6” Incandescent ........................................ A-19
6” Compact Fluorescent ........................... A-45
RL706830WBS

6” Aperture LED Recessed Retrofit Replacement Lamp Module-Trim with Dedicated LED High-Efficacy Connector

The All-Pro RL706830WBS LED Module-Trim is for use with Halo H750 LED series 6” aperture recessed housings. The RL706830WBS includes a dedicated LED connector for California Title-24 compliance using a non-screw base socket, and for where a non-screw base high-efficacy luminaire is required. The RL7 with integral LED driver offers 120 volt dimming capability. The RL7 lens provides uniform illumination and wet location listing. The RL7 die-cast construction makes any housing AIR-TITE for added HVAC savings and code compliance.

FEATURES

MECHANICAL

Module Trim
- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments
- High Gloss Appliance White paint finish
- Lens
  - Impact-resistant polycarbonate
  - Convex form for lamp-like appearance
  - High lumen transmission
  - Diffusing for even illumination

MOUNTING

Torsion Spring Brackets
- Precision formed steel torsion spring brackets secure torsion springs to fit compatible housings with torsion spring mounting tabs.
- Accessory (included) 5” and 6” Friction Blade Kit: Stainless steel friction blade provide alternative to torsion springs for retrofit in 5” and 6” housings without torsion spring mounting tabs.
- Friction blade design allows the RL7 to be installed in any position within the housing aperture (360 degrees).

Housing Compatibility
RL706830WBS LED Retrofit Module is listed with HALO H750 Series housings: H750ICAT, H750RICAT, H750T, H750TCP

LED
- 636 lumens
- Color Temperature: 3000°K
- CRI: 81
- Lumen Maintenance: L70/50 70% lumens / 50,000 hours
- Efficacy 43.47 Lumens per Watt
- LED is a chip on board design consisting of a multiple LED package to create one virtual light source for a productive “cone of light”.

ELECTRICAL

Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo H750 Series housings.
- Connector meets California Title-24 high-efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high-efficacy luminaire.
- HE26LED adapter available (order separately) if needed to accommodate a standard screw base ICAT housing
- Separate grounding cable included on the RL7 module for attachment to the housing during installation.

LED DRIVER
- Dimmable driver is a 120 Volt, high efficiency, electronic power supply providing DC power to the LED.
- Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
- Driver is specifically designed for compatibility with RL7 series LED.
- Driver mounts externally to the module, allowing future replacement, if needed.

DIMMING
- The RL7 LED is dimmable to 15% with standard 120V electronic low voltage dimmers (recommended), and many incandescent / magnetic low voltage dimmers; and dims to 5% using dimmers with low end trim adjustment.
- Note: Standard incandescent dimmers require a minimum load of typically >40 watts on the circuit for full range dimming performance (four LED modules).
- Note: For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
- Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
- UL/cUL Listed
- UL/cUL Listed for Lamp Location
- UL/cUL Listed for Wet Location, covered ceiling
- May be installed in housings in direct contact with insulation and combustible material

COMPLIANCE
- ENERGY STAR® SSL qualified
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance

QUALIFICATION

IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598 with compatible housings, may be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

ACCESSORIES
(Order Separately)
HE26LED=Screw base adapter
HE26LED24PK=Screw base adapter, 24 pack

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
RL706830E26WBS

5˝ / 6˝ Aperture LED Recessed Retrofit Replacement Lamp Module-Trim
with E26 Medium Screw base

The All-Pro RL706830E26WBS is a retrofit LED Module-Trim for 5˝ and 6˝ aperture recessed downlights. The RL706830E26WBS is designed for use with compatible 5˝ and 6˝ housings including the Halo H25, H5, H27, H7, H7U series and All-Pro ET/EI500, ET/EI2700, ET/Ei700. The RL7 with integral LED driver offers 120 volt dimming capability. The RL7 lens provides uniform illumination and wet location listing. The RL7 die-cast construction makes any housing AIR-TITE for added HVAC savings and code compliance.

FEATURES

MECHANICAL
Module Trim
- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maxiums, even when installed in insulated ceiling environments
- High Gloss Appliance White paint finish

Lens
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- High lumen transmission
- Diffusing for even illumination

MOUNTING
Torsion Spring Brackets
- Precision formed steel torsion spring brackets secure torsion springs to fit compatible housings with torsion spring mounting tabs.
- Accessory (included) 5” and 6” Friction Blade Kit: Stainless steel friction blade provide alternative to torsion springs for retrofit in 5” and 6” housings without torsion spring mounting tabs.
- Friction blade design allows the RL7 to be installed in any position within the housing aperture (360 degrees).

Housing Compatibility
RL706830E26WBS UL/cUL Listed for installation in the following Halo and All-Pro E26 screw based 5˝ and 6˝ standard and shallow recessed housings:
HALO: H7CAT, H7RICAT, H7CT, H7R ICT, H7CATNB, H7TCP, H7T, H7RT, H7TNB, H7TCP, H7UCAT, H7UCAT, H27RICAT, H27CT, H27R ICT, H27T, H27RT, H5ICAT, H5RICAT, H5T, H5RT, H25ICAT
All-Pro: EI500AT, EI500RAT, ET500, ET500R, EI700AT, EI700RAT, EI700ATNB, EI700, EI700RAR, EI700ATNB, EI700NB, ET700, ET700R, EI700U, EI700UAT, EI2700AT, EI2700, EI2700R, ET2700, ET2700R

RL7LED has UL classified listing with other housings - see specifications online at www.cooperlighting.com.

LED
- 636 lumens
- Color Temperature: 3000°K
- CRI: 81
- Lumen Maintenance: L70/50 70% lumens / 50,000 hours
- Efficacy 43.47 Lumens per Watt
- LED is a chip on board design consisting of a multiple LED package to create one virtual light source for a productive “cone of light”

ELECTRICAL
Power Connections
- E26 medium screw-base Edison connector provides easy retrofit of incandescent housings.

Ground Connection
- Separate grounding cable included on the RL7 module for attachment to the housing during installation.

LED DRIVER
- Dimmable driver is a120 Volt, high efficiency, electronic power supply providing DC power to the LED.
- Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations.
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure.
- Driver is specifically designed for compatibility with RL7 series LED.
- Driver mounts externally to the module, allowing future replacement, if needed.

DIMMING
- The RL7 LED is dimmable to 15% with standard 120V electronic low voltage dimmers (recommended), and many incandescent / magnetic low voltage dimmers; and dims to 5% using dimmers with low end trim adjustment.
- Note: Standard incandescent dimmers require a minimum load of typically >40 watts on the circuit for full range dimming performance (four LED modules).
- Note: For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low voltage dimmers are required (ELV dimmers need a neutral connection in the wallbox).
- Refer to specification sheets online for dimming information, and refer to dimmer manufacturers for compatibility.

LABELS
- UL/cUL Listed
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling
- May be installed in housings in direct contact with insulation and combustible material

COMPLIANCE
- ENERGY STAR® SSL qualified
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598 with compatible housings, may be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ETR300, ETR300W

3" Round Aperture Recessed Housing and Trim Kit
60W PAR16 Tungsten Halogen Reflector Lamp

ETR300 3" Round Aperture Non-IC AIR-TITE Housing for 60W PAR16 screw base reflector lamp. Black Baffle with Gloss White Trim Ring included.

ETR300W 3" Round Aperture Non-IC AIR-TITE Housing for 60W PAR16 screw base reflector lamp. White Baffle with Gloss White Trim Ring included.

For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3’ from the fixtures on all sides.

**FEATURES**

**HOUSING**
Round die-formed CRS with gray powder coat finish.

**PLASTER FRAME**
- Galvanized steel construction.
- Boat-shaped plaster frame design with removable bar hangers for installation in new construction or in remodel construction from below the finished ceiling.
- ALL-PRO and ProSeries identity printed on plaster frame.

**AIR-TITE GASKETS**
Closed cell gaskets restrict airflow, meeting air tight code requirements without additional caulking.

**TRIMS**
Baffle trims in Gloss White or Black with Gloss White trim rings. Friction type springs hold baffle trims securely in the housing.

**JUNCTION BOX**
- Four 1/2" trade size conduit knockouts with true pry-out slots.
- Rated for feed through.
- Three Quick connect push type wire connectors included.

**ALL-NAIL™ BAR HANGERS**
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24” joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Integral T-bar clip snaps onto T-bars – no additional clips are required

**SOCKET**
Ceramic E26 Medium Screw base.

**THERMAL PROTECTOR**
Self resetting thermal protector protects against improper lamping and direct contact with insulation.

**LAMP**
60W, 120V, E26 base PAR16 reflector lamp (by others).

**LABELS**
- UL/cUL Listed
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- IP Rated (improper Lamp)
- Certified under ASTM-E283 standard for air-tight construction.

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Complete Fixture Includes Housing and Trims

ETR300W
White Trim, White Baffle

ETR300
White Trim, Black Baffle

60W, 120V, E26 PAR16 Lamp (by others)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ETR350, ETR350W

3” Round Aperture Recessed Housing and Trim Kit
50W MR16 120V GU10 Tungsten Halogen Reflector Lamp


For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3” from the fixtures on all sides.

FEATURES

HOUSING
Round die-formed CRS with gray powder coat finish.

PLASTER FRAME
• Galvanized steel construction.
• Boat-shaped plaster frame design with removable bar hangers for installation in new construction or in remodel construction from below the finished ceiling.
• ALL-PRO and ProSeries identity printed on plaster frame.

AIR-TITE GASKETS
Closed cell gaskets restrict airflow, meeting air tight code requirements without additional caulking.

TRIMS
Baffle trims in Gloss White or Black with Gloss White trim rings. Friction type springs hold baffle trims securely in the housing.

JUNCTION BOX
• Four 1/2” trade size conduit knockouts with true pry-out slots.
• Rated for feed through.
• Three Quick connect push type wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
GU10 base for bi-pin 120V line voltage halogen lamps.

THERMAL PROTECTOR
Self resetting thermal protector protects against improper lamping and direct contact with insulation.

LAMP
50W, 120V, GU10 base, MR16 reflector lamp (by others).

LABELS
• UL/cUL Listed
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)
• Certified under ASTM-E283 standard for air-tight construction.

ACCESSORIES
(Order Separately)
Z28=50W, 120V, GU10 base, MR16 lamp (order separately)

Complete Fixture Includes Housing and Trims

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ETS300, ETS300W

3” Square Aperture Recessed Housing and Trim Kit
60W PAR16 Tungsten Halogen Reflector Lamp

ETS300 3” Square Aperture Non-IC AIR-TITE Housing for 60W PAR16 screw base reflector lamp. Black Baffle with Gloss White Trim Ring included.

ETS300W 3” Square Aperture Non-IC AIR-TITE Housing for 60W PAR16 screw base reflector lamp. White Baffle with Gloss White Trim Ring included.

For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3’ from the fixtures on all sides.

FEATURES

HOUSING
Square die-formed CRS with gray powder coat finish.

PLASTER FRAME
• Galvanized steel construction.
• Boat-shaped plaster frame design with removable bar hangers for installation in new construction or in remodel construction from below the finished ceiling.
• ALL-PRO and ProSeries identity printed on plaster frame.

AIR-TITE GASKETS
Closed cell gaskets restrict airflow, meeting air tight code requirements without additional caulking.

TRIMS
Baffle trims in Gloss White or Black with Gloss White trim rings. Friction type springs hold baffle trims securely in the housing.

JUNCTION BOX
• Four 1/2” trade size conduit knockouts with true pry-out slots.
• Rated for feed through.
• Three Quick connect push type wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans.
• Score lines allow tool-free shortening for narrow joist spacing.
• Integral T-bar clip snaps onto T-bars – no additional clips are required.

SOCKET
Ceramic E26 Medium Screw base.

THERMAL PROTECTOR
Self resetting thermal protector protects against improper lamping and direct contact with insulation.

LAMP
60W, 120V, E26 base PAR16 reflector lamp (by others).

LABELS
• UL/cUL Listed
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)
• Certified under ASTM-E283 standard for air-tight construction.

Complete Fixture Includes Housing and Trims

ETS300W
White Trim, White Baffle

ETS300
White Trim, Black Baffle

60W, 120V, E26 PAR16 Lamp (by others)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ETS350, ETS350W

3” Square Aperture Recessed Housing and Trim Kit
50W MR16 120V GU10 Tungsten Halogen Reflector Lamp

ETS350 3” Square Aperture Non-IC AIR-TITE Housing for 50W MR16-120V GU10 lamp. Black Baffle with Gloss White Trim Ring included.

ETS350W 3” Square Aperture Non-IC AIR-TITE Housing for 50W MR16-120V GU10 lamp. White Baffle with Gloss White Trim Ring included.

For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3” from the fixtures on all sides.

FEATURES

HOUSING
Square die-formed CRS with gray powder coat finish.

PLASTER FRAME
• Galvanized steel construction.
• Boat-shaped plaster frame design with removable bar hangers for installation in new construction or in remodel construction from below the finished ceiling.
• ALL-PRO and ProSeries identity printed on plaster frame.

AIR-TITE GASKETS
Closed cell gaskets restrict airflow, meeting air tight code requirements without additional caulking.

TRIMS
Baffle trims in Gloss White or Black with Gloss White trim rings. Friction type springs hold baffle trims securely in the housing.

JUNCTION BOX
• Four 1/2” trade size conduit knockouts with true pry-out slots.
• Rated for feed through.
• Three Quick connect push type wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
GU10 base for bi-pin 120V line voltage halogen lamps.

THERMAL PROTECTOR
Self resetting thermal protector protects against improper lamping and direct contact with insulation.

LAMP
50W, 120V, GU10 base, MR16 reflector lamp (by others).

LABELS
• UL/cUL Listed
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• IP Rated (Improper Lamp)
• Certified under ASTM-E283 standard for air-tight construction.

ACCESSORIES
(Order Separately)
Z28=50W, 120V, GU10 base, MR16 lamp

Complete Fixture Includes Housing and Trims

ETS350W
White Trim, White Baffle
ETS300W
White Trim, Black Baffle
Z28
50W, 120V, GU10 base, MR16 lamp (order separately)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ET400ATSB
4" Aperture, New Construction, Non-IC, AIR-TITE, 120V Line Voltage with Adjustable Socket Brackets
The ET400SB is a Non-IC, AIR-TITE™ housing designed for use with small aperture trims. The shallow height allows it to be used in spaces where vertical height is limited. The ET400SB can be installed in new construction or where there is access above the ceiling. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3’ from the fixtures on all sides.

FEATURES
HOUSING
Die-formed CRS with gray powder coat finish.

PLASTER FRAME
• Housing is secured in plaster frame with spring barbs.
• The housing can be adjusted in the plaster frame.
• The housing can be removed from the plaster frame to provide access to the junction box.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2" size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24" joist spans
• Score lines allow tool-free shortening for narrow joist spacing.

SOCKET
Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• Certified Under ASTM-E283 for air tight construction

ET400RATSB
4" Aperture, Remodel, Non-IC, AIR-TITE 120V Line Voltage with Adjustable Socket Brackets
The ET400RSB is a Non-IC, AIR-TITE™ remodel housing designed for use with small aperture trims. The shallow height allows it to be used in spaces where vertical height is limited. The ET400RSB is installed from below the ceiling. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3’ from the fixtures on all sides.

FEATURES
HOUSING
Die-formed CRS with gray powder coat finish.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

JUNCTION BOX
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

SOCKET
Adjustable position porcelain socket with nickel plated brass screw shell provides flexibility in lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• Certified Under ASTM-E283 for air tight construction
EI400ATSB

4” Aperture, New Construction, ICAT, AIR-TITE
120V Line Voltage with Adjustable Socket Brackets

The EI400ATSB is a small aperture housing for providing accent and task lighting. The EI400ATSB is designed for use in insulated ceilings where it will be in direct contact with insulation. AIR-TITE design meets restricted airflow requirements.

FEATURES

HOUSING
Outer Housing
Aluminum construction with IC - insulated ceiling and AT - AIR-TITE™ ratings.

Inner Housing
Double wall aluminum construction helps dissipate heat. The inner housing can be adjusted in the plaster frame to compensate for different ceiling materials.

PLASTER FRAME
• Galvanized steel construction.
• The inner housing can be removed from the plaster frame to provide access to the junction box.
• Plaster frame includes locking screws for hanger bars and cutouts for crimping hanger bars in position.
• AIR-TITE gasket is pre-installed.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### ERT403
- **ERT403**
- **Height:** 2-1/2˝ [63mm]
- **Outside Diameter:** 5˝ [127mm]

<table>
<thead>
<tr>
<th>Style</th>
<th>Bulbs (Wattage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET400SB</td>
<td>50W R20, 40W R16, 40W A19 (50W PAR20 ET400RSB only)</td>
</tr>
<tr>
<td>ET400RSB</td>
<td>35W PAR20, 30W R20, 40W R16, 40W A19, 50W PAR 20</td>
</tr>
</tbody>
</table>

### ERT401
- **ERT401**
- **Height:** 1-1/8˝ [28mm]
- **Outside Diameter:** 5˝ [127mm]

<table>
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<tr>
<th>Style</th>
<th>Bulbs (Wattage)</th>
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<tbody>
<tr>
<td>ET400SB</td>
<td>40W R16, 50W PAR20, 50W R20</td>
</tr>
<tr>
<td>ET400RSB</td>
<td>35W PAR20, 30W R20</td>
</tr>
<tr>
<td>ET400ATSBS</td>
<td>40W R16, 45W PAR16</td>
</tr>
</tbody>
</table>

### ERT402
- **ERT402**
- **Aperture:** 2-1/8˝ [54mm]
- **Outside Diameter:** 5˝ [127mm]

<table>
<thead>
<tr>
<th>Style</th>
<th>Bulbs (Wattage)</th>
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</thead>
<tbody>
<tr>
<td>ET400SB</td>
<td>40W R16, 60W PAR16</td>
</tr>
<tr>
<td>ET400RSB</td>
<td>40W R16, 45W PAR16</td>
</tr>
<tr>
<td>ET400ATSBS</td>
<td>30W R20, 35W PAR20, 50W PAR20</td>
</tr>
</tbody>
</table>

### ERT410
- **ERT410**
- **Height:** 2-5/8˝ [67mm]
- **Outside Diameter:** 5-1/16˝ [129mm]

<table>
<thead>
<tr>
<th>Style</th>
<th>Bulbs (Wattage)</th>
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</thead>
<tbody>
<tr>
<td>ET400SB</td>
<td>40W R16, 50W PAR20, 50W R20</td>
</tr>
<tr>
<td>ET400RSB</td>
<td>30W R20, 35W PAR20, 50W PAR20</td>
</tr>
</tbody>
</table>

### ERT455
- **ERT455**
- **Height:** 2-5/8˝ [67mm]
- **Outside Diameter:** 5-1/16˝ [129mm]

<table>
<thead>
<tr>
<th>Style</th>
<th>Bulbs (Wattage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET400SB</td>
<td>40W A19, 50W PAR20, 50W R20</td>
</tr>
<tr>
<td>ET400RSB</td>
<td>30W R20, 35W PAR20</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ET400LVAT

4” Aperture, New Construction, Non-IC, AIR-TITE 12V Low Voltage, MR16

The ET400LV is a small aperture low voltage housing for providing accent and task lighting. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3” from the fixtures on all sides.

FEATURES

HOUSING
Die-stamped CRS with white powder coat finish.

PLASTER FRAME
• Housing is secured in plaster frame with spring barbs.
• The housing can be adjusted in the plaster frame.
• The housing can be removed from the plaster frame to provide access to the junction box.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Ceramic socket with reflector for bi-pin 12V, MR16 lamps.

TRANSFORMER
120V Integral magnetic transformer steps line voltage down to lamp operating voltage.

THERMAL PROTECTOR
Thermal protector integrated in the transformer deactivates fixture if overheating occurs due to improper operating condition or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• Certified Under ASTM-E283 for air tight construction

ET400LVRAT

4” Aperture, Remodel, Non-IC, AIR-TITE 12V Low Voltage, MR16

The ET400LVR is a small aperture low voltage remodel housing for providing accent and task lighting. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3” from the fixtures on all sides.

FEATURES

HOUSING
Die-formed CRS with gray powder coat finish.

PLASTER FRAME
• Housing is secured in plaster frame with spring barbs.
• The housing can be adjusted in the plaster frame.
• The housing can be removed from the plaster frame to provide access to the junction box.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Ceramic socket with reflector disc for bi-pin 12V, MR16 lamps.

TRANSFORMER
120V Integral magnetic transformer steps line voltage down to lamp operating voltage.

SUPPORT BAR
Support Bar helps support weight of junction box and transformer. Threaded stem can be adjusted for varying ceiling thicknesses.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• Certified Under ASTM-E283 for air tight construction

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI400LVAT

4” Aperture, New Construction, IC, AIR-TITE
12V Low Voltage, MR16

The EI400LVAT housing has an integral low voltage transformer that supplies 12 volts to MR16 lamps. It can be used in ceilings where it will be in direct contact with insulation. AIR-TITE design meets restricted airflow requirements.

FEATURES

HOUSING
Double wall aluminum construction for greater heat dissipation. EI400LVAT housing is gasketed to prevent airflow from heated or air conditioned spaces.

PLASTER FRAME
• Galvanized steel construction.
• The inner housing can be removed from the plaster frame to provide access to the junction box.
• Plaster frame includes locking screws for hanger bars and cutouts for crimping hanger bars in position.
• AIR-TITE gasket is pre-installed.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans.
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame.
• Integral T-bar clip snaps onto T-bars – no additional clips are required.

SOCKET
Ceramic socket with reflector for bi-pin 12V, MR16 lamps.

TRANSFORMER
120V Integral magnetic transformer steps line voltage down to lamp operating voltage.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Wet Location – Covered Ceiling
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT403LV
- "Cat’s paw" retention spring

- Height: 1-1/4˝ [31mm]
- Outside Diameter: 5˝ [127mm]

ERT404LV
- "Cat’s paw" retention spring

- Slot: 1-3/8” x 2-1/8” [35mm x 54mm]
- OD: 5˝ [127mm]
**ET500**

5" Aperture, New Construction, Non-IC
120V Line Voltage

The All-Pro 500 series utilizes a 5" aperture designed for smaller sized PAR20 and PAR30 halogen lamps. The 5" diameter trim size makes this series the right choice for applications where dramatic yet inconspicuous lighting is required. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from the fixtures on all sides.

**FEATURES**

**HOUSING**
- Die-stamped CRS with white powder coat finish.
- Housing adjusts in plaster frame to accommodate ceiling up to 1-3/8" thick.

**PLASTER FRAME**
- Galvanized steel construction.
- The housing can be removed from plaster frame to provide access to the junction box.
- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position

**JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

**ALL-NAIL™ BAR HANGERS**
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

**SOCKET**
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- IP Rated (Improper Lamp)

---

**ET500R**

5" Aperture, Remodel, Non-IC
120V Line Voltage

The All-Pro 500 series utilizes a 5" aperture designed to accommodate smaller sized PAR20 and PAR30 halogen lamps. The 5" diameter trim size makes the ET500R the right choice for applications where dramatic yet inconspicuous lighting is required in an existing ceiling. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from the fixtures on all sides.

**FEATURES**

**HOUSING**
- Die-stamped CRS with white powder coat finish.
- Integral flange secures fixture against ceiling.
- For installation from below the finished ceiling.

**REMODEL CLIPS**
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

**JUNCTION BOX**
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.

**SOCKET**
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

**THERMAL PROTECTOR**
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- IP Rated (Improper Lamp)
### EI500AT

**5" Aperture, New Construction, IC, AIR-TITE, 120V Line Voltage**

The All-Pro 500 series has a 5" aperture designed for PAR20 and PAR30 halogen lamps. EI500AT is designed for use in insulated ceilings and may be completely covered in insulation. AIR-TITE™ design meets restricted airflow requirements.

#### FEATURES

<table>
<thead>
<tr>
<th>HOUSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Die-stamped CRS with white powder coat finish.</td>
</tr>
<tr>
<td>• Housing adjusts in plaster frame to accommodate ceiling up to 1-3/8&quot; thick.</td>
</tr>
<tr>
<td>• AIR-TITE gasket is pre-installed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PLASTER FRAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Galvanized steel construction.</td>
</tr>
<tr>
<td>• The housing can be removed from plaster frame to provide access to the junction box.</td>
</tr>
<tr>
<td>• Regressed locking screw for securing hanger bars.</td>
</tr>
<tr>
<td>• Cutouts for easily crimping hanger bars in position.</td>
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</table>

<table>
<thead>
<tr>
<th>JUNCTION BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Positioned to accommodate straight conduit runs.</td>
</tr>
<tr>
<td>• Seven conduit knockouts are uniform 1/2&quot; size with true pryout slots.</td>
</tr>
<tr>
<td>• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.</td>
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<tr>
<td>• Three quick connect wire connectors included.</td>
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<table>
<thead>
<tr>
<th>ALL-NAIL™ BAR HANGERS</th>
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<tbody>
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<td>Bar Hanger features include:</td>
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<td>• Housing can be positioned at any point within 24&quot; joist spans.</td>
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<td>• Score lines allow tool-free shortening for narrow joist spacing.</td>
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<tr>
<td>• Bar hangers may be repositioned 90° on plaster frame.</td>
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<td>• Integral T-bar clip snaps onto T-bars — no additional clips are required.</td>
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<tr>
<th>THERMAL PROTECTOR</th>
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</thead>
<tbody>
<tr>
<td>Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.</td>
</tr>
</tbody>
</table>

### EI500RAT

**5" Aperture, Remodel, IC, AIR-TITE 120V Line Voltage**

The All-Pro 500 series has a 5" aperture designed for PAR20 and PAR30 halogen lamps. Designed for use in insulated existing ceilings and may be completely covered in insulation. AIR-TITE™ design meets restricted airflow requirements.

#### FEATURES

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<tr>
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<tr>
<td>• Integral flange secures fixture against ceiling.</td>
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<tr>
<td>• AIR-TITE gasket is pre-installed.</td>
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</table>

<table>
<thead>
<tr>
<th>REMODEL CLIPS</th>
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</thead>
<tbody>
<tr>
<td>Four remodel clips secure housing and accommodate 1/2&quot; and 5/8&quot; ceiling thickness.</td>
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<th>SOCKET</th>
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</table>

### QUALIFICATION

**IC and AIR-TITE™**

Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:

- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

### EI5000AT, EI500RAT

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT520

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>75W R30, 75W PAR30, 75W PAR30L, 65W BR30</td>
</tr>
<tr>
<td>ET500R</td>
<td>50W R30, 60W BR30, 75W PAR30</td>
</tr>
<tr>
<td>EI500AT</td>
<td>50W PAR30L, 50W PAR30, 60W BR30</td>
</tr>
<tr>
<td>EI500RAT</td>
<td>50W PAR30L, 50W PAR30, 60W BR30</td>
</tr>
</tbody>
</table>

ERT521

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>60W A19</td>
</tr>
<tr>
<td>ET500R</td>
<td>40W A19</td>
</tr>
</tbody>
</table>

ERT501

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>50W R20, 50W PAR20, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>ET500R</td>
<td>50W PAR20, 50W PAR20, 65W BR30, 75W PAR30</td>
</tr>
<tr>
<td>EI500AT</td>
<td>30W R20, 35W PAR20, 50W PAR30, 50W PAR30L, 60W BR30</td>
</tr>
<tr>
<td>EI500RAT</td>
<td>30W R20, 35W PAR20, 50W PAR30, 50W PAR30L, 60W BR30</td>
</tr>
</tbody>
</table>

ERT512

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Model</th>
<th>Bulb Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>75W R30, 75W PAR30</td>
</tr>
<tr>
<td>ET500R</td>
<td>75W R30, 75W PAR30</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT513
- Friction Clip retention
- Socket supporting trim
- Lamps - ERT513WHT:
  - ET500 75W A19, 65W BR30, 75W R30, 75W PAR30L
  - ET500R 60W A19, 65W BR30, 75W R30, 75W PAR30L
  - EI500AT 65W BR30, 75W PAR30L
  - EI500RAT 50W PAR30L, 65W BR30

ERT513TS
- Torsion springs pull trim tight to ceiling
- Socket supporting trim
- Lamps - ERT513WHTTS:
  - ET500 75W A19, 65W BR30, 75W R30, 75W PAR30L
  - ET500R 60W A19, 65W BR30, 75W R30, 75W PAR30L
  - EI500AT 65W BR30, 75W PAR30L
  - EI500RAT 50W PAR30L, 65W BR30

ERT560
- Torsion springs pull trim tight to ceiling
- Gimbal - 25° Tilt
  - ET500 75W PAR30
  - ET500R 75W PAR30
  - EI500AT 75W PAR30
  - EI500RAT 50W PAR30

ERT570
- Torsion springs pull trim tight to ceiling
- Eyeball - 30° Tilt
  - ET500 75W PAR30
  - ET500R 75W PAR30
  - EI500AT 50W PAR30
  - EI500RAT 50W PAR30

ERT571
- Torsion springs pull trim tight to ceiling
- Eyeball - 30° Tilt
  - ET500 50W R20, 50W PAR20
  - ET500R 50W R20, 50W PAR20
  - EI500AT 50W R20, 50W PAR20
  - EI500RAT 50W R20, 50W PAR20

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT500

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
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<tbody>
<tr>
<td>ET500</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
<td></td>
</tr>
<tr>
<td>ET500R</td>
<td>65W BR30, 75W PAR30</td>
<td></td>
</tr>
<tr>
<td>E500AT</td>
<td>65W BR30, 75W PAR30, 75W R30</td>
<td></td>
</tr>
<tr>
<td>E500RAT</td>
<td>50W PAR30, 75W PAR30L, 60W BR30</td>
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</tr>
</tbody>
</table>

ERT550

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>75W A19, 75W PAR30</td>
<td></td>
</tr>
<tr>
<td>ET500R</td>
<td>75W A19, 75W PAR30</td>
<td></td>
</tr>
<tr>
<td>E500AT</td>
<td>40W A19, 50W PAR30</td>
<td></td>
</tr>
<tr>
<td>E500RAT</td>
<td>40W A19, 50W PAR30</td>
<td></td>
</tr>
</tbody>
</table>

ERT551

- Torsion springs pull trim tight to ceiling
- Socket supporting trim
- Wet location listed for use in showers

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>60W A19, 50W PAR30, 50W PAR30L, 65W BR30</td>
<td></td>
</tr>
<tr>
<td>ET500R</td>
<td>60W A19, 50W PAR30, 50W PAR30L, 65W BR30</td>
<td></td>
</tr>
<tr>
<td>E500AT</td>
<td>35W PAR30L</td>
<td></td>
</tr>
<tr>
<td>E500RAT</td>
<td>35W PAR30L</td>
<td></td>
</tr>
</tbody>
</table>

ERT552

- Torsion springs pull trim tight to ceiling
- Socket supporting trim
- Wet location listed for use in showers

<table>
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<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
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</thead>
<tbody>
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<td></td>
</tr>
<tr>
<td>ET500R</td>
<td>60W A19, 50W PAR30, 50W PAR30L, 65W BR30</td>
<td></td>
</tr>
<tr>
<td>E500AT</td>
<td>35W PAR30L</td>
<td></td>
</tr>
<tr>
<td>E500RAT</td>
<td>35W PAR30L</td>
<td></td>
</tr>
</tbody>
</table>

ERT530

- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Trim</th>
<th>Wattage</th>
<th>Bulb Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET500</td>
<td>50W TB19, 60W A19, 60W BT15, 60W MB19</td>
<td></td>
</tr>
<tr>
<td>ET500R</td>
<td>50W TB19, 60W A19, 60W BT15, 60W MB19</td>
<td></td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI700

6” Aperture, New Construction, IC
120V Line Voltage

The EI700 housing is designed for use in insulated ceilings where the housing will be in direct contact with insulation. EI700 may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
• Housing adjusts in plaster frame to accommodate up to 1-3/4” thick ceilings.
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material
• IP Rated (Improper Lamp)

EI700R

6” Aperture, Remodel, IC
120V Line Voltage

The All-Pro EI700R remodel housing is designed for existing ceiling installations where the housing will be in direct contact with insulation. EI700R may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

JUNCTION BOX
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material
EI700AT

6" Aperture, New Construction, IC, AIR-TITE
120V Line Voltage

The EI700AT housing is designed for use in insulated ceilings where the housing will be in direct contact with insulation material. AIR-TITE design meets restricted airflow requirements.

FEATURES

HOUSING
- Aluminum construction for greater heat dissipation.
- AIR-TITE gasket is pre-installed.

SOCKET PLATE
- Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
- Housing adjusts in plaster frame 1" to accommodate different ceiling thicknesses.
- Recessed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI700RAT

6” Aperture, Remodel, IC, AIR-TITE
120V Line Voltage

The All-Pro EI700RAT remodel housing is designed for existing ceiling installations where the housing will be in direct contact with insulation. AIR-TITE design meets restricted airflow requirements.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• AIR-TITE gasket is pre-installed.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI700ATNB
6" Aperture, New Construction, IC, AIR-TITE
120V Line Voltage, No Socket Bracket

The EI700ATNB is designed for installations where it will be in direct contact with insulation. These housings are designed to save installation time. They are designed without a socket plate for use with socket supporting trims only. There is no need to spend time adjusting or disconnecting the socket and removing the socket plate. AIR-TITE design meets restricted airflow requirements.

FEATURES

HOUSING
- Aluminum construction for greater heat dissipation.
- AIR-TITE gasket is pre-installed.

PLASTER FRAME
- Housing adjusts in plaster frame 1" to accommodate different ceiling thicknesses.
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
With compatible housings, may be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
EI700NB

6" Aperture, New Construction, IC
120V Line Voltage, No Socket Bracket

The EI700NB is designed for installations where it will be in direct contact with insulation. These housings are designed to save installation time. They are designed without a socket plate for use with socket supporting trims only so there is no need to spend time adjusting or disconnecting the socket and removing the socket plate. EI700NB may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.

PLASTER FRAME
• Housing adjusts in plaster frame to accommodate up to 1-3/4" thick ceilings.
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2" size with true pryout slots.
• Four pryouts with integral strain relief simplify "NM" non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24" joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT710
- Coil spring retention
- EI700 • EI700AT • EI700R • EI700RAT
  - 75W R30, 65W BR30, 50W PAR30, 75W PAR30L
  - 50W PAR30, 75W PAR30L, 65W BR30, 75W R30

ERT12
- Socket supporting trim
- ERT12 - Friction clip retention
- ERT12TS - Torsion spring retention
- EI700 • EI700AT • EI700R • EI700RAT
  - 40W A19, 65W BR30, 75W PAR30, 90W BR40

ERT707
- Coil spring retention
- Two trim rings (narrow and wide), supplied with trim
- EI700 • EI700AT • EI700R • EI700RAT
  - 50W PAR30, 65W BR30, 75W R30, 75W PAR30L

ERT713
- Socket supporting trim
- ERT713 - Friction clip retention
- ERT713TS - Torsion spring retention
- EI700 • EI700AT • EI700R • EI700RAT
  - 40W A19, 65W BR30, 75W PAR30, 75W PAR30L, 90W BR40

ERT713WHT
- Socket supporting trim
- ERT713WHT - Friction clip retention
- ERT713WHTTS - Torsion spring retention
- EI700 • EI700AT • EI700R • EI700RAT
  - 40W A19, 65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 90W BR40

Specular Reflector
- Height: 2-7/8" [73mm]
- OD: 7-1/4" [184mm]

ERT710G
- High Gloss Appliance White Trim with Gold Reflector

White Reflector
- Height: 5-3/8" [136mm]
- OD: 7-1/4" [184mm]

ERT712TS
- High Gloss Appliance White Trim with White Reflector and Torsion Spring Construction

ERT712
- High Gloss Appliance White Trim with White Reflector

ERT713TS
- High Gloss Appliance White Trim with Black Baffle and Torsion Spring Construction

ERT713WHTTS
- High Gloss Appliance White Trim with White Baffle and Torsion Spring Construction

ERT713WHT
- High Gloss Appliance White Trim with White Baffle

ERT707WHT
- High Gloss Appliance White Trim with White Baffle

ERT707
- High Gloss Appliance White Trim with Black Baffle

ERT707WHTTS
- High Gloss Appliance White Trim with Black Baffle and Torsion Spring Construction

ERT707WHT
- High Gloss Appliance White Trim with Black Baffle and Torsion Spring Construction

ERT707WHTTS
- High Gloss Appliance White Trim with Black Baffle
### ERT713L
- Provides deeper lamp regression
- Socket supporting trim
- ERT713L - Friction clip retention
- ERT713LTS - Torsion spring retention

<table>
<thead>
<tr>
<th>E700</th>
<th>E700AT</th>
<th>E700ATNB</th>
<th>75W BR40, 65W BR30, 75W PAR30L</th>
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<tr>
<td>E700R</td>
<td>E700RAT</td>
<td>E700NB</td>
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</tr>
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</table>

**ERT713LTS**
- High Gloss Appliance White Trim with Black Baffle and Torsion Spring Construction

**ERT713L**
- High Gloss Appliance White Trim with Black Baffle

### ERT714
- Coil spring retention

<table>
<thead>
<tr>
<th>E700</th>
<th>E700AT</th>
<th>E700ATNB</th>
<th>50W PAR30, 65W BR30, 75W PAR30L</th>
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<tbody>
<tr>
<td>E700R</td>
<td>E700RAT</td>
<td>E700NB</td>
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</table>

**ERT714WHT**
- High Gloss Appliance White Trim with White Baffle

**ERT714**
- High Gloss Appliance White Trim with Black Baffle

### ERT704
- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>E700</th>
<th>E700AT</th>
<th>E700ATNB</th>
<th>75W R30, 65W BR30, 75W PAR30L</th>
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<tr>
<td>E700R</td>
<td>E700RAT</td>
<td>E700NB</td>
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**ERT704**
- High Gloss Appliance White Trim with White Eyeball

### ERT711
- Socket supporting trim

<table>
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<th>E700AT</th>
<th>E700ATNB</th>
<th>50W PAR30</th>
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<tbody>
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<td>E700R</td>
<td>E700RAT</td>
<td>E700NB</td>
<td>65W BR30, 75W R30</td>
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</table>

**ERT711**
- High Gloss Appliance White Trim and Eyeball with Black Baffle

### ERT705
- Coil spring retention
- Socket supporting trim
- Fixed socket position

<table>
<thead>
<tr>
<th>E700</th>
<th>E700AT</th>
<th>E700ATNB</th>
<th>65 W BR30, 75W PAR30, 75W PAR30L</th>
</tr>
</thead>
<tbody>
<tr>
<td>E700R</td>
<td>E700RAT</td>
<td>E700NB</td>
<td></td>
</tr>
</tbody>
</table>

**ERT705**
- High Gloss Appliance White Trim
ERT721
- Torsion Springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers
- Socket supporting trim

ERT725
- Combination baffle/splay trim
- Socket supporting trim
- Wide Trim flange hides ceiling cut out irregularities
- ERT725 STS - Torsion spring retention
- ERT725 - Friction clip retention

ERT725WHT
- Combination baffle/splay trim
- Socket supporting trim
- Wide Trim flange hides ceiling cut out irregularities
- ERT725WHTTS - Torsion spring retention
- ERT725WHT - Friction clip retention

ERT716
- Socket supporting trim
- Friction clip retention

ERT723
- Torsion springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers
- Socket supporting trim
ET700

6” Aperture, New Construction, Non-IC
120V Line Voltage

The ET700 is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3” from all sides of the fixture.

FEATURES

HOUSING
• Die-stamped CRS with white powder coat finish.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
• Housing adjusts in plaster frame to accommodate up to 1-3/4” thick ceilings.
• Recessed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• IP Rated (Improper Lamp)

ET700R

6” Aperture, Remodel, IC
120V Line Voltage

The ET700R is for use in non-insulated existing ceilings. If ceiling insulation is present, it must be kept 3” from the fixtures on all sides. For installation from below the finished ceiling.

FEATURES

HOUSING
• Die-stamped CRS with white powder coat finish.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

JUNCTION BOX
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• IP Rated (Improper Lamp)

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT710
- Specular Reflector
- • Coil Spring retention
- ET700 65W BR30, 75W R30, 75W PAR30, 150W R40, 150W PAR38
- ET700R 65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 150W R40

ERT712
- White Reflector
- • Socket supporting trim
- - ERT712 - Friction clip retention
- - ERT712TS - Torsion spring retention
- ET700 85W BR30, 120W BR40, 100W R30, 75W PAR30L, 100W A19
- ET700R 65W BR30, 75W PAR30L

ERT707
- Metal Baffle
- • Coil Spring retention
- • Two trim rings (narrow and wide), supplied with trim
- ET700 65W BR30, 75W R30, 75W PAR30
- ET700R 65W BR30, 75W R30, 75W PAR30, 75W PAR30L

ERT709
- Large Aperture Metal Baffle
- • Coil Spring retention
- • Two trim rings (narrow and wide), supplied with trim
- ET700 120W R40, 120W PAR38

ERT713
- Black Metal Baffle
- • Socket supporting trim
- - ERT713 - Friction clip retention
- - ERT713TS - Torsion spring retention
- ET700 75W PAR30L, 85W BR30, 100W R30, 100W A19, 120W BR40
- ET700R 65W BR30, 75W PAR30L
ERT713WHT
- Socket supporting trim
- ERT713WHT - Friction clip retention
- ERT713WHTTS - Torsion spring retention

<table>
<thead>
<tr>
<th></th>
<th>ET700</th>
<th>ET700R</th>
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<tbody>
<tr>
<td></td>
<td>75W PAR30L, 85W BR30, 100W R30, 150W A19, 120W BR40</td>
<td>65W BR30, 75W PAR30L</td>
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</table>

ERT713L
- Socket supporting trim
- Provides deeper lamp regression for BR lamps
- ERT713LTS - Friction clip retention
- ERT713LTS - Torsion spring retention

<table>
<thead>
<tr>
<th></th>
<th>ET700</th>
<th>ET700R</th>
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<tbody>
<tr>
<td></td>
<td>75W A19, 75W PAR30L, 75W PAR30, 85W BR30, 100W R30, 120W BR40, 150W R40</td>
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ERT714
- Coil spring retention

<table>
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<th>ET700R</th>
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<tbody>
<tr>
<td></td>
<td>75W R30, 75W PAR30, 75W PAR30L, 85W BR30</td>
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ERT717
- Coil spring retention

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<td>150W PAR38, 120W BR40, 150W R40</td>
<td>150W R40, 120W BR40</td>
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ERT716
- Socket supporting trim
- Friction clip retention

<table>
<thead>
<tr>
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<th>ET700</th>
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<tbody>
<tr>
<td></td>
<td>40W A19, 65W BR30, 75W PAR30, 75W PAR30L</td>
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</table>

ERT704
- Socket supporting trim
- Torsion springs pull trim tight to ceiling

<table>
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<th></th>
<th>ET700</th>
<th>ET700R</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>75W R30, 75W PAR30, 75W PAR30L</td>
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</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
### ERT711
- **Recessed Eyeball**
- **ALL-PRO**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
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</tbody>
</table>

**Height:** 3" [76mm]  
**OD:** 8" [203mm]

- **ERT711**  
  High Gloss Appliance White Trim and Eyeball with Black Baffle

### ERT706
- **Open**
- **ALL-PRO**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fixtures</th>
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</thead>
<tbody>
<tr>
<td>ET700</td>
<td>65W BR30, 75W R30, 75W PAR30</td>
</tr>
<tr>
<td>ET700R</td>
<td>65W R30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

**Aperture:** 3-7/8" [98mm]  
**OD:** 8" [203mm]

- **ERT706**  
  High Gloss Appliance White Trim

### ERT708
- **Large Aperture Open**
- **ALL-PRO**

<table>
<thead>
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<th>Model</th>
<th>Fixtures</th>
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<tbody>
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<td>ET700</td>
<td>120W BR40, 150W R40</td>
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</table>

**Aperture:** 6-3/16" [131mm]  
**OD:** 8" [203mm]

- **ERT708**  
  High Gloss Appliance White Trim

### ERT701
- **Albalite Lens Shower Light**
- **ALL-PRO**

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>ET700</td>
<td>60W A19</td>
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<tr>
<td>ET700R</td>
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</tbody>
</table>

**OD:** 8" [203mm]

- **ERT701**  
  High Gloss Appliance White Trim

### ERT702
- **Drop Opal Plastic Lens Shower Light**
- **ALL-PRO**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fixtures</th>
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</thead>
<tbody>
<tr>
<td>ET700</td>
<td>60W A19</td>
</tr>
<tr>
<td>ET700R</td>
<td></td>
</tr>
</tbody>
</table>

**OD:** 8" [203mm]

- **ERT702**  
  High Gloss Appliance White Trim with Drop Opal Lens

### ERT703
- **Fresnel Lens Shower Light**
- **ALL-PRO**

<table>
<thead>
<tr>
<th>Model</th>
<th>Fixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700</td>
<td>60W A19</td>
</tr>
<tr>
<td>ET700R</td>
<td></td>
</tr>
</tbody>
</table>

**OD:** 8" [203mm]

- **ERT703**  
  High Gloss Appliance White Trim with Fresnel Lens

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT705
- Socket supporting trim
- Coil spring retention
- Fixed socket position

ET700 65W BR30, 75W R30, 75W PAR30, 75W PAR30L

ERT721
- Socket supporting trim
- Torsion springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers

ET700 60W A19
ET700R

ERT725
- Combination baffle/splay trim
- Socket supporting trim
- Wide trim flange hides ceiling cut out irregularities
- ERT725TS - Torsion spring retention
- ERT725 - Friction clip retention

ET700 50W PAR30L, 85W BR30, 90W A19, 100W R30
ET700R

ERT725WHT
- Combination baffle/splay trim
- Socket supporting trim
- Wide trim flange hides ceiling cut out irregularities
- ERT725WHTS - Torsion spring retention
- ERT725WHT - Friction clip retention

ET700 50W PAR30L, 75W PAR30L, 85W BR30, 90W A19, 100W R30
ET700R

ERT723
- Torsion springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers
- Socket supporting trim

ET700 60W A19
ET700R

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI700U

6” Aperture, New Construction, IC
120V Line Voltage

The All-Pro EI700U housing is designed to be used in direct contact with insulation. The IC construction allows an unbroken insulation barrier to be maintained. EI700U may be converted into AIR-TITE installation when used with AIR-TITE trims. Look for the AIR-TITE trim logo in this section.

FEATuRES

HOUSuNG
• Double wall aluminum construction for greater heat dissipation.
• Double wall housing allows higher wattages on select trims than single wall IC housing.

SOCKET PLATE
• Fixed socket plate maintains consistent lamp position.

PLASTER FRAME
• Galvanized steel construction.
• Regressed locking screw for securing hanger bars
• Cutouts for easily crimping hanger bars in position

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.

• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

• Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

EI700UAT

6” Aperture, New Construction, IC, AIR-TITE
120V Line Voltage

The All-Pro EI700UAT housing is designed to be used in direct contact with insulation. The IC construction allows an unbroken insulation barrier to be maintained and the AIR-TITE design meets restricted airflow requirements.

FEATuRES

HOUSuNG
• Double wall aluminum construction for greater heat dissipation.
• Double wall housing allows higher wattages on select trims than single wall IC housing.
• AIR-TITE gasket is pre-installed.

SOCKET PLATE
• Fixed socket plate maintains consistent lamp position.

PLASTER FRAME
• Galvanized steel construction.
• Regressed locking screw for securing hanger bars
• Cutouts for easily crimping hanger bars in position

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.

• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed 1598 Luminaire for Direct Contact with Insulation

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted airflow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”
ERT710

- Specular Reflector
- EI700U • EI700UAT
  - Height: 2-7/8” [73mm]
  - OD: 7-1/4” [184mm]
- ERT710
  - High Gloss Appliance White Trim with Clear Specular Reflector
- ERT710G
  - High Gloss Appliance White Trim with Gold Reflector

ERT712

- White Reflector
- EI700U • EI700UAT
  - Height: 5-3/8” [136mm]
  - OD: 7-1/4” [184mm]
- ERT712TS
  - High Gloss Appliance White Trim with White Reflector and Torsion Spring Construction
- ERT712
  - High Gloss Appliance White Trim with White Reflector

ERT707

- Metal Baffle
- EI700U • EI700UAT
  - Height: 2-7/8” [73mm]
  - Wide OD: 8” [203mm]
  - Narrow OD: 7-1/4” [184mm]
- ERT707WHT
  - High Gloss Appliance White Trim with White Baffle
- ERT707
  - High Gloss Appliance White Trim with Black Baffle

ERT709

- Large Aperture Metal Baffle
- EI700U • EI700UAT
  - Height: 2-5/8” [67mm]
  - Wide OD: 8” [203mm]
  - Narrow OD: 7-1/4” [184mm]
- ERT709WHT
  - High Gloss Appliance White Trim with White Baffle
- ERT709
  - High Gloss Appliance White Trim with Black Baffle

ERT713

- Black Metal Baffle
- EI700U • EI700UAT
  - Height: 5” [127mm]
  - OD: 7-1/4” [184mm]
- ERT713TS
  - High Gloss Appliance White Trim with Black Baffle and Torsion Spring Construction
- ERT713
  - High Gloss Appliance White Trim with Black Baffle

ERT713WHT

- White Metal Baffle
- EI700U • EI700UAT
  - Height: 5-3/8” [136mm]
  - OD: 7-1/4” [184mm]
- ERT713WHTTS
  - High Gloss Appliance White Trim with White Baffle and Torsion Spring Construction
- ERT713WHT
  - High Gloss Appliance White Trim with White Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT713L
- Socket supporting trim
- Provides deeper lamp regression
- ERT713LTS - Torsion spring retention

ERT14
- Coil spring retention

ERT25
- Combination baffle/splay trim
- Socket Supporting trim
- Wide Trim flange hides ceiling cut out irregularities
- ERT25TS - Torsion spring retention
- ERT25 - Friction clip retention

ERT725WHT
- Combination baffle/splay trim
- Socket Supporting trim
- Wide Trim flange hides ceiling cut out irregularities
- ERT725WHTTS - Torsion spring retention
- ERT725WHT - Friction clip retention

ERT704
- Socket supporting trim
- Torsion springs pull trim tight to ceiling

ERT705
- Socket supporting trim
- Coil spring retention
- Fixed socket position

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT708

• Coil Spring retention

<table>
<thead>
<tr>
<th>ET700</th>
<th>40W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>100W R40 (Requires H1999 Socket Extender)</td>
</tr>
</tbody>
</table>

Accessory

H1999

Socket Extender

ERT701

• Non-conductive, non-corrosive gasketed polymer trim ring
• Wet location listed for use in shower
• Torsion spring retention

<table>
<thead>
<tr>
<th>ET700</th>
<th>40W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>80W A19</td>
</tr>
</tbody>
</table>

ERT702

• Non-conductive, non-corrosive gasketed polymer trim ring
• Wet location listed for use in shower
• Torsion spring retention

<table>
<thead>
<tr>
<th>ET700</th>
<th>40W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>80W A19</td>
</tr>
</tbody>
</table>

ERT703

• Torsion spring construction
• Wet location listed for use in shower

<table>
<thead>
<tr>
<th>ET700</th>
<th>40W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>80W A19</td>
</tr>
</tbody>
</table>

ERT721

• Torsion Springs pull trim tight to ceiling
• Non-conductive, non-corrosive gasketed polymer trim ring
• Wet location listed for use in showers
• Socket supporting trim

<table>
<thead>
<tr>
<th>ET700</th>
<th>60W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>100W R40</td>
</tr>
</tbody>
</table>

ERT723

• Torsion springs pull trim tight to ceiling
• Non-conductive, non-corrosive gasketed polymer trim ring
• Wet location listed for use in showers
• Socket supporting trim

<table>
<thead>
<tr>
<th>ET700</th>
<th>60W A19</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET700R</td>
<td>100W R40</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI2700
6" Aperture, Shallow Ceiling, New Construction, IC
120V Line Voltage

The EI2700 housing is designed for use in shallow ceilings. The EI2700 is designed for shallow ceilings and direct contact with insulation.

FEATURES

HOUSING
- Aluminum construction for greater heat dissipation.

SOCKET PLATE
- Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
- Galvanized steel construction.
- Housing adjusts in plaster frame 1-3/8" to accommodate different ceiling thicknesses.
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans.
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame.
- Integral T-bar clip snaps onto T-bars – no additional clips are required.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

LABELS
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

EI2700R
6" Aperture, Shallow Ceiling, Remodel, IC
120V Line Voltage

The EI2700R housing is designed for remodeling use in existing shallow ceilings. The EI2700R housing is designed for shallow ceilings and direct contact with insulation. For installation from below the finished ceiling.

FEATURES

HOUSING
- Aluminum construction for greater heat dissipation.

SOCKET PLATE
- Rigid socket plate adjusts and locks without tools for various lamp sizes.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling thickness.

JUNCTION BOX
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

LABELS
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI2700AT

6” Aperture, Shallow Ceiling, New Construction, IC, AIR-TITE
120V Line Voltage

The EI2700AT housing is designed for use in shallow ceilings where insulation is present. AIR-TITE design and meets restricted airflow requirements.

FEATURES

HOUSING
• Aluminum construction for greater heat dissipation.
• AIR-TITE gasket is pre-installed.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
• Housing adjusts in plaster frame 1” to accommodate different ceiling thicknesses.
• Regressed locking screw for securing hanger bars.
• Cutouts for easily crimping hanger bars in position.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans.
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame.
• Integral T-bar clip snaps onto T-bars – no additional clips are required.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT710

Coil spring retention

<table>
<thead>
<tr>
<th>E2700</th>
<th>E2700AT</th>
<th>E2700R</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W PAR30, 65W BR30, 75W R30, 75W PAR30L</td>
<td>Specular Reflector</td>
<td>E2700AT</td>
</tr>
</tbody>
</table>

Height: 2-7/8" [73mm]
OD: 7-1/4" [184mm]

ERT710
High Gloss Appliance White Trim with Clear Specular Reflector
ERT710G
High Gloss Appliance White Trim with Gold Reflector

ERT707

Coil spring retention

Two trim rings (narrow and wide), supplied with trim

<table>
<thead>
<tr>
<th>E2700</th>
<th>E2700AT</th>
<th>E2700R</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W PAR30, 65W BR30, 75W PAR30L</td>
<td>Metal Baffle</td>
<td>E2700AT</td>
</tr>
</tbody>
</table>

Height: 2-7/8" [73mm]
Wide OD: 8" [203mm]
Narrow OD: 7-1/4" [184mm]

ERT707WH
High Gloss Appliance White Trim with White Baffle
ERT707
High Gloss Appliance White Trim with Black Baffle

ERT714

Coil spring retention

<table>
<thead>
<tr>
<th>E2700</th>
<th>E2700AT</th>
<th>E2700R</th>
</tr>
</thead>
<tbody>
<tr>
<td>65W BR30, 50W PAR30, 75W PAR30L</td>
<td>Plastic Baffle</td>
<td>E2700AT</td>
</tr>
</tbody>
</table>

Height: 2-1/4" [57mm]
OD: 8" [203mm]

ERT714WHT
High Gloss Appliance White Trim with White Baffle
ERT714
High Gloss Appliance White Trim with Black Baffle

ERT716

Socket supporting trim
Friction clip retention

<table>
<thead>
<tr>
<th>E2700</th>
<th>E2700AT</th>
<th>E2700R</th>
</tr>
</thead>
<tbody>
<tr>
<td>65W BR30, 75W PAR30, 75W PAR30L</td>
<td>Shallow Metal Baffle</td>
<td>E2700AT</td>
</tr>
</tbody>
</table>

Height: 4-1/4" [108mm]
OD: 8" [203mm]

ERT716WHT
High Gloss Appliance White Trim with White Baffle

ERT704

Socket supporting trim
Torsion springs pull trim tight to ceiling

<table>
<thead>
<tr>
<th>E2700</th>
<th>E2700AT</th>
<th>E2700R</th>
</tr>
</thead>
<tbody>
<tr>
<td>65W BR30, 75W R30, 75W PAR30L</td>
<td>Eyeball</td>
<td>E2700AT</td>
</tr>
</tbody>
</table>

Aperture: 3-15/16" [100mm]
OD: 8" [203mm]

ERT704
High Gloss Appliance White Trim with White Eyeball

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
## Recessed Downlighting Trims

### EI2700 • EI2700AT • EI2700R

- **Socket supporting trim**
- **Coil spring retention**
- **Fixed socket position**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2700</td>
<td>50W PAR30L, 60W BR30, 75W PAR30</td>
</tr>
<tr>
<td>EI2700AT</td>
<td></td>
</tr>
<tr>
<td>EI2700R</td>
<td>60W BR30</td>
</tr>
</tbody>
</table>

### ERT705

- **Aperture:** 3-7/8” [98mm]
- **OD:** 8” [203mm]
- **Height:** 4-1/4” [108mm]
- **OD:** 8” [203mm]

*High Gloss Appliance White Trim*

### ERT721

- **Torsion springs pull trim tight to ceiling**
- **Non-conductive, non-corrosive gasketed polymer trim ring**
- **Wet location listed for use in showers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2700</td>
<td>35W PAR30L</td>
</tr>
<tr>
<td>EI2700AT</td>
<td></td>
</tr>
<tr>
<td>EI2700R</td>
<td>40W A19</td>
</tr>
</tbody>
</table>

*High Gloss Appliance White Trim with Frosted Glass Lens*

### ERT723

- **Torsion springs pull trim tight to ceiling**
- **Non-conductive, non-corrosive gasketed polymer trim ring**
- **Wet location listed for use in showers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2700</td>
<td>35W PAR30L</td>
</tr>
<tr>
<td>EI2700AT</td>
<td></td>
</tr>
<tr>
<td>EI2700R</td>
<td>40W A19</td>
</tr>
</tbody>
</table>

*High Gloss Appliance White Trim with Glass Fresnel Lens*
ET2700

6” Aperture, Shallow Ceiling, New Construction, Non-IC, 120V Line Voltage

The ET2700 housing is designed for use in shallow ceilings. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
• Die-stamped CRS with white powder coat finish.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

PLASTER FRAME
• Galvanized steel construction.
• Housing adjusts in plaster frame 1-3/8” to accommodate different ceiling thicknesses.
• Regressed locking screw for securing hanger bars
• Cutouts for easily crimping hanger bars in position

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24” joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

SOCKET
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

THERMAL PROTECTOR
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• IP Rated (Improper Lamp)

ET2700R

6” Aperture, Shallow Ceiling, Remodel, Non-IC, 120V Line Voltage

The ET2700R housing is designed for remodeling use in shallow ceilings. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
• Die-stamped CRS with white powder coat finish.

SOCKET PLATE
• Rigid socket plate adjusts and locks without tools for various lamp sizes.

REMODEL CLIPS
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling thickness.

JUNCTION BOX
• Seven conduit knockouts are uniform 1/2” size with true pryout slots.
• Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell.

THERMAL PROTECTOR
Integral Thermal Protector deactivates fixture if an incorrect lamp is used or if ceiling insulation material is not applied correctly.

LABELS
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• IP Rated (Improper Lamp)
ERT710
- Coil spring retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Specular Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>75W PAR30, 75W PAR30L, 85W BR30, 100W R30</td>
</tr>
<tr>
<td>ET2700R</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 85W BR30</td>
</tr>
</tbody>
</table>

ERT707
- Coil spring retention
- Two trim rings (narrow and wide), supplied with trim

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Metal Baffle</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>ET2700R</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

ERT714
- Coil spring retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Plastic Baffle</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>75W R30, 75W PAR30, 85W BR30</td>
</tr>
<tr>
<td>ET2700R</td>
<td>75W R30, 75W PAR30, 75W PAR30L, 85W BR30</td>
</tr>
</tbody>
</table>

ERT716
- Socket supporting trim
- Friction clip retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Shallow Metal Baffle</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>40W A19, 65W BR30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>ET2700R</td>
<td>40W A19, 65W BR30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

ERT704
- Torsion springs pull trim tight to ceiling
- Socket supporting trim

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Eyeball</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>ET2700R</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

ERT706
- Coil Spring retention

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Open</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET2700</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
<tr>
<td>ET2700R</td>
<td>65W BR30, 75W R30, 75W PAR30, 75W PAR30L</td>
</tr>
</tbody>
</table>

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ERT708

- Coil Spring retention
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT708
High Gloss Appliance White Trim

Aperture: 5-3/16" [131mm]

ERT701

- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in shower
- Torsion spring retention
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT701
High Gloss Appliance White Trim

ERT702

- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in shower
- Torsion spring retention
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT702
High Gloss Appliance White Trim with Drop Opal Lens

ERT703

- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in shower
- Torsion spring retention
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT703
High Gloss Appliance White Trim with Fresnel Lens

ERT721

- Torsion springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers
- Socket supporting trim
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT721
High Gloss Appliance White Trim with Frosted Glass Lens

ERT723

- Torsion springs pull trim tight to ceiling
- Non-conductive, non-corrosive gasketed polymer trim ring
- Wet location listed for use in showers
- Socket supporting trim
- Height: 4-1/4" [108mm]
- OD: 8" [203mm]

ERT723
High Gloss Appliance White Trim with Glass Fresnel Lens

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
ET4700

6" Aperture, New Construction, Non-IC, Slope Ceiling
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down regardless of ceiling pitch. For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

FEATURES

HOUSING
• Telescoping housing for ceiling construction down to 2" x 8". With deeper ceilings the housing provides sharper cutoff.
• Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope).
• One piece seamless baffle presents a clean finished appearance
• Thermal protector guards against misuse of insulation materials.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2" size with true pryout slots.
• Four pryouts with integral strain relief simplify "NM" non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24" joist spans.
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame.
• Integral T-bar clip snaps onto T-bars – no additional clips are required.

SOCKET
Porcelain E26 socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through

ERT4980

- One piece seamless baffle
- Baffle ridges are parallel to floor plane

ERT4980WHT
High Gloss Appliance White Trim with White Baffle

ERT4980
High Gloss Appliance White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI4700, EI4700AT

6" Aperture Slope Ceiling, New Construction, IC, AIR-TITE (EI4700AT)
120V Line Voltage

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down regardless of ceiling pitch. For direct contact with insulation. In addition, EI4700AT design meets restricted airflow requirements.

FEATURES

HOUSING
• EI4700AT Housing is AIR-TITE with gasket pre-installed.
• Double wall housing construction. Door in outer housing allows junction box access from below ceiling.
• Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope).
• Integral thermal protector guards against improper lamping.

JUNCTION BOX
• Positioned to accommodate straight conduit runs.
• Seven conduit knockouts are uniform 1/2" size with true pryout slots.
• Four pryouts with integral strain relief simplify "NM" non-metallic sheathed cable installation.
• Three quick connect wire connectors included.

ALL-NAIL™ BAR HANGERS
Bar Hanger features include:
• Pre-installed nail.
• Mini leveling foot aligns the housing to the bottom of the joist.
• Housing can be positioned at any point within 24" joist spans
• Score lines allow tool-free shortening for narrow joist spacing.
• Bar hangers may be repositioned 90° on plaster frame
• Integral T-bar clip snaps onto T-bars – no additional clips are required

LABELS
• UL/cUL Listed 1598 Luminaire
• UL/cUL Listed for Damp Location
• UL/cUL Listed for Feed Through
• UL/cUL Listed for Wet Location, covered ceiling
• UL/cUL Listed for Direct Contact with Insulation and combustible material

QUALIFICATION - EI4700AT
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
• Washington State Energy Code
• International Energy Conservation Code (IECC)
• New York State Energy Conservation Construction Code (NY-ECCC)
• State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

ERT4980

Baffle
• One piece seamless baffle
• Baffle ridges are parallel to floor plane

ERT4980WHT
High Gloss Appliance White Trim with White Baffle
ERT4980
High Gloss Appliance White Trim with Black Baffle

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI2072AT

6" Aperture, New Construction, IC, AIR-TITE
Compact Fluorescent, 26W

The EI2072AT is designed for use in insulated ceilings and can be in direct contact with ceiling insulation. Includes 120V NPF electronic compact fluorescent ballast. AIR-TITE design meets restricted airflow requirements.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- AIR-TITE gasket is pre-installed.

**PLASTER FRAME**
- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.

**JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

**ALL-NAIL™ BAR HANGERS**
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

**SOCKET**
G24q-3/GX24q-3 socket for one 26W DTT - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4-pin lamp.

**LAMP**
Compact Fluorescent lamp (by others) 26 watt lamp generic designations:
- DTT-Double Twin Tube (Quad) (CFQ):
  - CFQ26W/GX24q - 2700K, 3000K, 3500K, 4100K
- TTT-Triple Twin Tube (CFTR):
  - CFTR26W/G24q - 2700K, 3000K, 3500K, 4100K
- Up to 12,000 hr rated average life
- 82CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K, 3500K medium warm and 4100K cool incandescent-like light.

**ELECTRONIC BALLAST**
120 volt, 60 Hz, NPF electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
EI2072RAT

Recessed Downlighting
EI2072RAT

6˝ Aperture, Remodel, IC, AIR-TITE
Compact Fluorescent, 26W

The EI2072RAT is designed for remodel applications in insulated existing ceilings and can be in direct contact with ceiling insulation. Includes 120V, NPF electronic compact fluorescent ballast. AIR-TITE design meets restricted airflow requirements. For installation from below the finished ceiling.

**FEATURES**

**HOUSING**
- Single wall aluminum housing.
- AIR-TITE gasket is pre-installed.

**REMODEL SPRINGS**
Four remodel clips secure housing and accommodate 1/2” and 5/8” ceiling material.

**JUNCTION BOX**
- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2” size with true pryout slots.
- Four pryouts with integral strain relief simplify “NM” non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

**ALL-NAIL™ BAR HANGERS**
Bar Hanger features include:
- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24” joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

**SOCKET**
G24q-3/GX24q-3 socket for one 26W DTT - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4-pin lamp.

**LAMP**
Compact Fluorescent lamp (by others) 26 watt lamp generic designations:
- DTT-Double Twin Tube (Quad) (CFQ):
  - CFQ26W/GX24q - 2700K, 3000K, 3500K, 4100K
- TTT-Triple Twin Tube (CFTR):  
  - CFTR26W/G24q - 2700K, 3000K, 3500K, 4100K
- Up to 12,000 hr rated average life
- 82CRI rated lamps provide excellent color and high visual comfort.
- Color temperature (warm to cool) options offer 2700K warm, 3000K, 3500K medium warm and 4100K cool incandescent-like light.

**ELECTRONIC BALLAST**
120 volt, 60Hz, NPF electronic ballast. Meets FCC Title 47 CFR Part 18 consumer level limits.

**LABELS**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Wet Location, covered ceiling
- UL/cUL Listed for Direct Contact with Insulation and combustible material

**QUALIFICATION**
IC and AIR-TITE™
Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.

**Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.**
ERT770

- Torsion springs pull trim tight to ceiling
- Self flanged trim ring
- Gloss White trim ring

<table>
<thead>
<tr>
<th>EI2072AT</th>
<th>26W DTT or 26W TTT 4-pin Compact Fluorescent lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2072RAT</td>
<td></td>
</tr>
</tbody>
</table>

**ERT770**

- Height: 5-3/8" [136mm]
- OD: 7-1/4" [184mm]

**ERT770MTS**

- Gloss White Trim Ring, Matte Haze Reflector

**ERT770TS**

- Gloss White Trim Ring, Clear Specular Reflector

ERT771

- Torsion springs pull trim tight to ceiling
- Self flanged trim ring
- Gloss White trim ring

<table>
<thead>
<tr>
<th>EI2072AT</th>
<th>26W DTT or 26W TTT 4-pin Compact Fluorescent lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2072RAT</td>
<td></td>
</tr>
</tbody>
</table>

**ERT771**

- Height: 5-3/8" [136mm]
- OD: 7-1/4" [184mm]

**ERT771TS**

- Gloss White Trim Ring and Gloss White Reflector

ERT772

- Torsion springs pull trim tight to ceiling
- Self flanged trim ring
- Gloss White trim ring

<table>
<thead>
<tr>
<th>EI2072AT</th>
<th>26W DTT or 26W TTT 4-pin Compact Fluorescent lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2072RAT</td>
<td></td>
</tr>
</tbody>
</table>

**ERT772**

- Height: 5-3/8" [136mm]
- OD: 7-1/4" [184mm]

**ERT772WHTTS**

- Gloss White Trim Ring, Gloss White Baffle with White Reflector and Torsion Springs

**ERT772TS**

- Gloss White Trim Ring, Black Baffle with Torsion Springs

ERT724

- White trim with drop opal glass lens
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

<table>
<thead>
<tr>
<th>EI2072AT</th>
<th>26W DTT or 26W TTT 4-pin Compact Fluorescent lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI2072RAT</td>
<td></td>
</tr>
</tbody>
</table>

**ERT724**

- Height: 6-1/2" [165]
- OD: 8" [203mm]

**ERT724**

- Gloss White Trim with Drop Opal Glass Lens, Wet Location Listed

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Visit www.cooperlighting.com for more information on the complete product offering. Product availability and specifications subject to change without notice.
A lighting design must factor in a variety of needs - aesthetics, regulatory, new technology, energy and total economic cost. The key focus is on creating a functional and motivating working environment in today’s fast paced world. PDS is a family of 6", 7" and 8" downlights designed to provide maximum performance without sacrificing cost. PDS combines visually comfortable optics and energy efficiency with in-stock availability.

Three key elements - reflector, socket adapter, and frame - combine to form a feature packed luminaire.

The PDS reflectors boast equal cutoff to lamp and lamp image. Clear reflectors offer low iridescent finish as standard as well as a painted white self-flange trim ring. These features allow for a clean appearance with the ceiling line and matching coordinated apertures across the PDS product line.

The PDS socket adapters include the socket cap with the appropriate number and type of sockets as well the required electronic ballast (for compact fluorescent and HID versions). Lamp positions lock into place ensuring photometric performance. Electronic ballasts are standard.

The PDS universal frames are dedicated to each aperture size and are used for compact fluorescent, metal halide and incandescent sources. Installation of PDS frames is also fast and easy with supplied No Fuss Bar Hangers™, minimizing labor costs on the job site.

Socket Adapter The electrical components - sockets, ballasts, wiring - are included with the socket adapter. Available in vertical and horizontal lamp positions, Socket Adapters provide modular flexibility. Horizontal compact fluorescent available in 1 lamp and 2 lamp versions. Compact fluorescent sockets feature universal bases and proper lamp retention for 4 pin lamps. Proper venting is supplied in all compact fluorescent products.

Ballast and Thermal Protection Current state of the art electronic ballasts deliver high power factor and low THD for compact fluorescent and metal halide lamps. These ballasts drive the lamps without flicker or noise (class A rated). Thermal protection, standard in all units, deactivates unit if improper lamp type of wattage is used or if insulation is placed too close to fixture.

Compact Fluorescent ballasts are universal in voltage and in lamp wattage. They will operate 26, 32 and 42 watt lamps, at 120 through 277 volts. All ballasts provide current controlled starting as well as end of life protection. 0°F (-20°C) starting. Optional emergency battery backup with integral indicator light and test switch is available.

HID electronic ballasts provide excellent voltage regulation to lamp for consistent color, and up to 20% energy savings. -20°F (-30°C) starting.

Reflectors PDS offers a full range of reflector options including open, open wall wash, baffle and lens with a choice of patterns. One-piece construction avoids internal losses and light leaks that occur at the ceiling line. PDS provides a 5/8” overlapped flange to cover the ceiling cutout and provide a gap free aperture with no light leaks around the flange or visible cut edge of ceiling tile.

Reflectors are formed from high purity aluminum alloy and anodized with either a specular clear or semi specular clear (Haze) finish providing a consistent and durable finish for the life of your project. Baffles feature a specular clear upper finish with either black or white painted rolled grooves. Flanges are all painted white for a clean appearance with the ceiling.

PDS open wall wash reflectors provide uniform vertical illumination with a downlight component and use the patented GRUVI™ concept. The 8” radial louver reflector provides shallow plenum use with maximum cutoff and is available in specular clear only.

• Exclusive No Fuss Bar Hanger™ is standard.
• Bars can be locked to T-bars with a twist of screwdriver or pliers.
• A centering mechanism provides consistent centering of fixtures.
• Bar hangers allow 3-1/2” of vertical adjustment.
• Fixture can be used with 1/2” EMT for longer spans.
• Lockdown screw provides positive frame positioning.

• Positive torsion spring retention pulls POS reflectors tight to the ceiling, preventing light leaks.
• PDS torsion springs are located 150 degrees apart to prevent improper installation.

Rugged Galvanized Frames provide strength to hold up to the rigors of the job site. A 1/2” plaster lip is standard.

Socket Adapter

• Positive torsion spring retention pulls PDS reflectors tight to the ceiling, preventing light leaks.
• PDS torsion springs are located 150 degrees apart to prevent improper installation.
### Vertical 6” Open, Compact Fluorescent

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Housing</td>
<td>12-7/8”</td>
<td>10-5/8”</td>
<td>8-7/8”</td>
<td>6-1/4”</td>
</tr>
<tr>
<td>EM Housing</td>
<td>17-1/4”</td>
<td>10-5/8”</td>
<td>8-7/8”</td>
<td></td>
</tr>
</tbody>
</table>

Lamp: (1) 26 or 32W TTT Compact Fluorescent

---

**STANDARD** (Frame, socket adapter and reflector ship separately.)

Example:

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V142-6” One 26/32/42W DTT/TTT</td>
<td>6VC=6” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VH=6” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VB=6” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VWB=6” Vertical White Baffle</td>
</tr>
</tbody>
</table>

**EMERGENCY** (Frame, socket adapter/battery pack ship together. Reflector ships separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Battery Pack</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V142EEM-6” One 26/32/42W DTT/TTT</td>
<td>6VEMC=6” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VEMH=6” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VEMBB=6” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VEMWB=6” Vertical White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.

---

**Vertical 7” Open, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Housing</td>
<td>15-5/8”</td>
<td>13-1/2”</td>
<td>10”</td>
<td>9”</td>
</tr>
<tr>
<td>EM Housing</td>
<td>17-1/4”</td>
<td>13-1/2”</td>
<td>10”</td>
<td></td>
</tr>
</tbody>
</table>

*26W/32W 9-1/2”

Lamp: (1) 26 DTT, 26/32/42W TTT Compact Fluorescent

---

**STANDARD** (Frame, socket adapter and reflector ship separately.)

Example:

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V142-7” One 26/32/42W TTT</td>
<td>7VC=7” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VH=7” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VBB=7” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VWB=7” Vertical White Baffle</td>
</tr>
</tbody>
</table>

**EMERGENCY** (Frame, socket adapter/battery pack ship together. Reflector ships separately.

<table>
<thead>
<tr>
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<th>Socket Adapter/Battery Pack</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V142EEM-7” One 26/32/42W TTT</td>
<td>7VEMC=7” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VEMH=7” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VEMBB=7” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VEMWB=7” Vertical White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.

---

**PD6 / PD7 Vertical Open**

**Compact Fluorescent**

**Open Vertical Compact Fluorescent**

Low iridescent, specular or semi-specular clear reflectors

White painted self flange

Torsion springs pull reflector to ceiling

One piece folded metal socket cap

Universal voltage ballast

120V & 277V Advance Mark 10 dimming

Universal 4-pin socket

Galvanized steel frame with 1/2” plaster lip

Accommodates ceilings up to 2” thick

Bar hangers lock to T-bar with screwdrivers or pliers

Galvanized J-box with multiple KO’s, listed for twelve #12AWG

90°C conductors

cUL listed, damp location

“EM” fixtures use internally mounted test switch/indicator light
Compact Fluorescent

PD6

Lensed Vertical CFL

Low iridescent, specular or semi-specular clear reflectors
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Universal voltage ballast
120V & 277V Advance Mark 10 dimming
Universal 4-pin socket
Galvanized steel frame with 1/2" plaster lip
Accommodates ceilings up to 2" thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO's, listed for twelve #12AWG 90°C conductors
cUL listed, wet location

PD7

Lensed Vertical CFL

Low iridescent, specular or semi-specular clear reflectors
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Universal voltage ballast
120V & 277V Advance Mark 10 dimming
Universal 4-pin socket
Galvanized steel frame with 1/2" plaster lip
Accommodates ceilings up to 2" thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO's, listed for twelve #12AWG 90°C conductors
cUL listed, wet location

Vertical 6" Lens, Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V142=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One 26/32/42W TTT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-120-277V, 50/60Hz Electronic Ballast</td>
<td>6V1BB=6&quot; Vertical Prismatic Acrylic Black Baffle</td>
</tr>
<tr>
<td></td>
<td>3E-347V, 60Hz Electronic Ballast</td>
<td>6V2BB=6&quot; Vertical Prismatic Glass Black Baffle</td>
</tr>
<tr>
<td></td>
<td>1DARKX=120V Dimming, Advance Mark 10</td>
<td>6V4BB=6&quot; Vertical Fresnel Glass Black Baffle</td>
</tr>
<tr>
<td></td>
<td>2DARKX=277V Dimming, Advance Mark 10</td>
<td>6V1WB=6&quot; Vertical Prismatic Acrylic White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.

Vertical 7" Lens, Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V142=</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One 26/32/42W TTT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-120-277V, 50/60Hz Electronic Ballast</td>
<td>7V1BB=7&quot; Vertical Prismatic Acrylic Black Baffle</td>
</tr>
<tr>
<td></td>
<td>3E-347V, 60Hz Electronic Ballast</td>
<td>7V2BB=7&quot; Vertical Prismatic Glass Black Baffle</td>
</tr>
<tr>
<td></td>
<td>1DARKX=120V Dimming, Advance Mark 10</td>
<td>7V4BB=7&quot; Vertical Fresnel Glass Black Baffle</td>
</tr>
<tr>
<td></td>
<td>2DARKX=277V Dimming, Advance Mark 10</td>
<td>7V1WB=7&quot; Vertical Prismatic Acrylic White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.
**Vertical 6” Wall Wash, Compact Fluorescent**

Dimensions | Length | Width | Height | Cutout
--- | --- | --- | --- | ---
Standard Housing | 12-7/8” | 10-5/8” | 8-7/8” | 6-1/4”

Lamp: (1) 26 or 32W TTT Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: PD6</td>
<td>Example: V142E</td>
<td>Example: 6VWC</td>
</tr>
<tr>
<td>PD6</td>
<td>V142- One 26/32/42W TTT</td>
<td>6WVC-6” Vertical Open Wall Wash, Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6VWH-6” Vertical Open Wall Wash, Semi-Specular Clear</td>
</tr>
</tbody>
</table>

**Vertical 7” Wall Wash, Compact Fluorescent**

Dimensions | Length | Width | Height | Cutout |
--- | --- | --- | --- | ---
Standard Housing | 15-5/8” | 13-1/2” | 9-1/2” | 10” (26/32W) 10” (42W) 8” |

Lamp: (1) 26 DTT, 26/32/42W TTT Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: PD7</td>
<td>Example: V142E</td>
<td>Example: 7VWC</td>
</tr>
<tr>
<td>PD7</td>
<td>V142- One 26/32/42W DTT/TTT</td>
<td>7VWC-7” Vertical Open Wall Wash, Specular Clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7VWH-7” Vertical Open Wall Wash, Semi-Specular Clear</td>
</tr>
</tbody>
</table>

**STANDARD** (Frame, socket adapter and reflector ship separately.)

**PD6**

Wall Wash Vertical CFL

Low iridescent, specular or semi-specular clear reflectors
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Universal voltage ballast
120V & 277V Advance Mark 10 dimming
Universal 4-pin socket
Galvanized steel frame with 1/2” plaster lip
Accommodates ceilings up to 2” thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO’s, listed for twelve #12AWG
90°C conductors
cUL listed, damp location

**PD7**

Wall Wash Vertical CFL

Low iridescent, specular or semi-specular clear reflectors
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Universal voltage ballast
120V & 277V Advance Mark 10 dimming
Universal 4-pin socket
Galvanized steel frame with 1/2” plaster lip
Accommodates ceilings up to 2” thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO’s, listed for twelve #12AWG
90°C conductors
cUL listed, damp location
**Horizontal 6" Open, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Housing</td>
<td>12-7/8&quot;</td>
<td>10-5/8&quot;</td>
<td>5-3/4&quot;</td>
<td>6-1/4&quot;</td>
</tr>
<tr>
<td>EM Housing</td>
<td>17-1/4&quot;</td>
<td>10-5/8&quot;</td>
<td>5-3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Lamp:**
- (1) 18 or 26W DTT, 26/32/42W TTT
- OR
- (2) 18 or 26W DTT Compact Fluorescent

**STANDARD** (Frame, socket adapter and reflector ship separately.)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>H118E-1-18W DTT</td>
<td>6HC-6&quot; Horizontal Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H126E-1-26W DTT</td>
<td>6HH-6&quot; Horizontal Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H142E-1-26/32/42W DTT/TTT</td>
<td>6HBB-6&quot; Horizontal Black Baffle</td>
</tr>
<tr>
<td></td>
<td>H218E-2-18W DTT</td>
<td>6HWB-6&quot; Horizontal White Baffle</td>
</tr>
<tr>
<td></td>
<td>H226E-2-26W DTT</td>
<td></td>
</tr>
</tbody>
</table>

**EMERGENCY** (Frame, socket adapter/battery pack ship together. Reflector ships separately.)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Battery Pack</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>H118EEM-1-18W DTT</td>
<td>6HEMC-6&quot; Horizontal Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H126EEM-1-26W DTT</td>
<td>6HEMH-6&quot; Horizontal Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H142EEM-1-26/32/42W DTT</td>
<td>6HEMBB-6&quot; Horizontal Black Baffle</td>
</tr>
<tr>
<td></td>
<td>H218EEM-2-18W DTT</td>
<td>6HEMWB-6&quot; Horizontal White Baffle</td>
</tr>
<tr>
<td></td>
<td>H226EEM-2-26W DTT</td>
<td></td>
</tr>
</tbody>
</table>

**Horizontal 7" Open, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Housing</td>
<td>15-5/8&quot;</td>
<td>13-1/2&quot;</td>
<td>5-7/8&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>EM Housing</td>
<td>17-1/4&quot;</td>
<td>13-1/2&quot;</td>
<td>5-7/8&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Lamp:**
- (1) 18 or 26W DTT, 26/32/42W TTT
- OR
- (2) 18 or 26W DTT Compact Fluorescent

**STANDARD** (Frame, socket adapter and reflector ship separately.)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>H118E-1-18W DTT</td>
<td>7HC-7&quot; Horizontal Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H126E-1-26W DTT</td>
<td>7HH-7&quot; Horizontal Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H142E-1-26/32/42W DTT/TTT</td>
<td>7HBB-7&quot; Horizontal Black Baffle</td>
</tr>
<tr>
<td></td>
<td>H218E-2-18W DTT</td>
<td>7HWB-7&quot; Horizontal White Baffle</td>
</tr>
<tr>
<td></td>
<td>H226E-2-26W DTT</td>
<td></td>
</tr>
</tbody>
</table>

**EMERGENCY** (Frame, socket adapter/battery pack ship together. Reflector ships separately.)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Battery Pack</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>H118EEM-1-18W DTT</td>
<td>7HEMC-7&quot; Horizontal Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H126EEM-1-26W DTT</td>
<td>7HEMH-7&quot; Horizontal Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>H142EEM-1-26/32/42W DTT</td>
<td>7HEMBB-7&quot; Horizontal Black Baffle</td>
</tr>
<tr>
<td></td>
<td>H218EEM-2-18W DTT</td>
<td>7HEMWB-7&quot; Horizontal White Baffle</td>
</tr>
<tr>
<td></td>
<td>H226EEM-2-26W DTT</td>
<td></td>
</tr>
</tbody>
</table>
Horizontal 6” Lens, Compact Fluorescent

<table>
<thead>
<tr>
<th></th>
<th>Standard Housing</th>
<th>EM Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td><strong>Length</strong></td>
<td><strong>Width</strong></td>
</tr>
<tr>
<td></td>
<td>12-7/8”</td>
<td>10-5/8”</td>
</tr>
</tbody>
</table>
| **Lamp:**        | (1) 18 or 26W DTT, 26/32/42W TTT or (2) 18 or 26W DTT Compact Fluorescent

STANDARD (Frame, socket adapter and reflector ship separately.)

Frame: PD6

<table>
<thead>
<tr>
<th>Socket Adapter/Ballast</th>
<th>Example: H118E</th>
</tr>
</thead>
<tbody>
<tr>
<td>H118=1-18W DTT</td>
<td>6H1C=6” Prismatic Acrylic Lens with Specular Clear Reflector</td>
</tr>
<tr>
<td>H126=1-26W DTT</td>
<td>6H1H=6” Prismatic Acrylic Lens with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td>H142=1-26/32/42W DTT/TTT</td>
<td>6H1BB=6” Prismatic Acrylic Lens with Black Baffle</td>
</tr>
<tr>
<td>H218=2-18W DTT</td>
<td>6H1WB=6” Prismatic Acrylic Lens with White Baffle</td>
</tr>
<tr>
<td>H226=2-26W DTT</td>
<td>6H2C=6” Prismatic Glass with Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>6H2H=6” Prismatic Glass with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>6H2BB=6” Prismatic Glass with Black Baffle</td>
</tr>
<tr>
<td></td>
<td>6H2WB=6” Prismatic Glass with White Baffle</td>
</tr>
<tr>
<td></td>
<td>6H4C=6” Fresnel Lens with Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>6H4H=6” Fresnel Lens with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>6H4BB=6” Fresnel Lens with Black Baffle</td>
</tr>
<tr>
<td></td>
<td>6H4WB=6” Fresnel Lens with White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.

Horizontal 7” Lens, Compact Fluorescent

<table>
<thead>
<tr>
<th></th>
<th>Standard Housing</th>
<th>EM Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td><strong>Length</strong></td>
<td><strong>Width</strong></td>
</tr>
<tr>
<td></td>
<td>15-5/8”</td>
<td>13-1/2”</td>
</tr>
</tbody>
</table>
| **Lamp:**        | (1) 18 or 26W DTT, 26/32/42W TTT or (2) 18 or 26W DTT Compact Fluorescent

STANDARD (Frame, socket adapter and reflector ship separately.)

Frame: PD7

<table>
<thead>
<tr>
<th>Socket Adapter/Ballast</th>
<th>Example: H118E</th>
</tr>
</thead>
<tbody>
<tr>
<td>H118=1-18W DTT</td>
<td>7H1C=7” Prismatic Acrylic Lens with Specular Clear Reflector</td>
</tr>
<tr>
<td>H126=1-26W DTT</td>
<td>7H1H=7” Prismatic Acrylic Lens with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td>H142=1-26/32/42W DTT/TTT</td>
<td>7H1BB=7” Prismatic Acrylic Lens with Black Baffle</td>
</tr>
<tr>
<td>H218=2-18W DTT</td>
<td>7H1WB=7” Prismatic Acrylic Lens with White Baffle</td>
</tr>
<tr>
<td>H226=2-26W DTT</td>
<td>7H2C=7” Prismatic Glass with Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>7H2H=7” Prismatic Glass with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>7H2BB=7” Prismatic Glass with Black Baffle</td>
</tr>
<tr>
<td></td>
<td>7H2WB=7” Prismatic Glass with White Baffle</td>
</tr>
<tr>
<td></td>
<td>7H4C=7” Fresnel Lens with Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>7H4H=7” Fresnel Lens with Semi-Specular Clear Reflector</td>
</tr>
<tr>
<td></td>
<td>7H4BB=7” Fresnel Lens with Black Baffle</td>
</tr>
<tr>
<td></td>
<td>7H4WB=7” Fresnel Lens with White Baffle</td>
</tr>
</tbody>
</table>

Other Standard, Dimming and EM ballasts available. Consult factory.
PD6
PD7
Wall Wash
Horizontal CFL
Low iridescent, specular or semi-specular clear reflectors
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Universal voltage ballast
120V & 277V Advance Mark 10 dimming
Universal 4-pin socket
Galvanized steel frame with 1/2" plaster lip
Accommodates ceilings up to 2" thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO's, listed for twelve #12AWG 90°C conductors
cUL listed, damp location

Horizontal 6" Wall Wash, Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example: PD7</td>
<td>Example: V142E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-120-277V, 50/60Hz Electronic Ballast 3E-347V, 60Hz Electronic Ballast 1DMARKX=120V Dimming, Advance Mark 10 2DMARKX=277V Dimming, Advance Mark 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6HWC=6&quot; Horizontal Open Wall Wash, Specular Clear 6WHH=6&quot; Horizontal Open Wall Wash, Semi-Specular Clear</td>
<td></td>
</tr>
</tbody>
</table>

STANDARD (Frame, socket adapter and reflector ship separately.)

Horizontal 7" Wall Wash, Compact Fluorescent

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: PD7</td>
<td>Example: H118=1-18W DTT  H126=1-26W DTT  H142=1-26/32/42W DTT/TTT  H218=2-18W DTT  H226=2-26W DTT</td>
<td>Example: 7VWC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example: V142E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-120-277V, 50/60Hz Electronic Ballast 3E-347V, 60Hz Electronic Ballast 1DMARKX=120V Dimming, Advance Mark 10 2DMARKX=277V Dimming, Advance Mark 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7HWC=7&quot; Horizontal Open Wall Wash, Specular Clear 7WHH=7&quot; Horizontal Open Wall Wash, Semi-Specular Clear</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Horizontal 8" Open, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Standard Housing</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-1/8&quot;</td>
<td>13-1/2&quot;</td>
<td>6-3/8&quot;</td>
<td>9&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**EM Housing**

18-1/8" 13" 6-3/8"

Lamp: (1) 26W DTT, 26/32/42W TTT
OR
(2) 26W DTT, 26/32/42W TTT Compact Fluorescent

**STANDARD** (Frame, socket adapter and reflector ship separately.)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter/Ballast</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD8</td>
<td>Example: HW142E</td>
<td></td>
</tr>
</tbody>
</table>

**Horizontal 8" Lens, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Standard Housing</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-1/8&quot;</td>
<td>13-1/2&quot;</td>
<td>5-7/8&quot;</td>
<td>9&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**EM Housing**

18-1/8" 13" 5-7/8"

**PD8**

(Wet Location Listed)

8" Horizontal Specular Clear
8HH-8" Horizontal Semi-Specular Clear
8HBB-8" Horizontal Black Baffle
8HWB-8" Horizontal White Baffle

**Standard Housing**

18-1/8" 13" 6-3/8"

8" Horizontal Specular Clear
8HH-8" Horizontal Semi-Specular Clear
8HBB-8" Horizontal Black Baffle
8HWB-8" Horizontal White Baffle

**Horizontal 8" Louver, Compact Fluorescent**

**Frame**

Example: PD8

**Socket Adapter/Ballast**

Example: HW142E

**Reflector**

Example: BHR

**Top View**

**Turbo Louver**

26 3/8" (67.1mm)

13 1/2" (341mm)

**Frame**

Example: PD8

**Horizontal 8" Louver, Compact Fluorescent**

**Frame**

Example: PD8

**Socket Adapter/Ballast**

Example: HW142E

**Reflector**

Example: BHR

**Compartmental Fluorescent**

*1D26MARKX, 2D26MARKX only necessary with a 2-26 DTT. For every other configuration specify 1DMARKX or 2DMARKX.*
**PD8**

**Wall Wash**
**Horizontal**
**CFL**

- Low iridescent, specular or semi-specular clear reflectors
- White painted self flange
- Torsion springs pull reflector to ceiling
- One piece folded metal socket cap
- Universal voltage ballast
- 120V & 277V Advance Mark 10 dimming
- Universal 4-pin socket
- Galvanized steel frame with 1/2” plaster lip
- Accommodates ceilings up to 2” thick
- Bar hangers lock to T-bar with screwdrivers or pliers
- Galvanized J-box with multiple KO’s, listed for twelve #12AWG
- 90°C conductors
- cUL listed, damp location

---

**Horizontal 8” Wall Wash, Compact Fluorescent**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Cutout</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Housing</td>
<td>15-5/8”</td>
<td>13-1/2”</td>
<td>6-3/8”</td>
<td>9”</td>
</tr>
</tbody>
</table>

Lamp: (1) 26W DTT, 26/32/42W TTT OR (2) 26W DTT, 26/32/42W TTT Compact Fluorescent

**STANDARD** (Frame, socket adapter and reflector ship separately.)

### Frame
- Example: PD8

### Socket Adapter/Ballast
- Example: H142 = 1-26/32/42W DTT/TTT
- Example: H226 = 2-26W DTT/TTT
- Example: H242 = 2-32/42W TTT

### Reflector
- Example: E = 120-277V, 50/60Hz Electronic Ballast
- Example: 8E = 347V, 60Hz Electronic Ballast
- Example: 1DMARKX = 120V Dimming, Advance Mark 10
- Example: 2DMARKX = 277V Dimming, Advance Mark 10

---

**Lamp:**
- (1) 26W DTT, 26/32/42W TTT OR
- (2) 26W DTT, 26/32/42W TTT Compact Fluorescent
6" Open, Incandescent A21 - 150W max.

Frame, socket adapter and reflector ship separately.

Frame
PD6

Socket Adapter
V120

Reflector
Example
6VC

Fixture Reflector Accommodates PAR30 long neck version only
6VC=6" Vertical Specular Clear
6VH=6" Vertical Semi-Specular Clear
6VBB=6" Vertical Black Baffle
6VWB=6" Vertical White Baffle

7" Open, Incandescent A21 - 150W max.

Frame, socket adapter and reflector ship separately.

Frame
PD7

Socket Adapter
V120

Reflector
Example
7VC

7VC=7" Vertical Specular Clear
7VH=7" Vertical Semi-Specular Clear
7VBB=7" Vertical Black Baffle
7VWB=7" Vertical White Baffle

7" Open, Incandescent PAR38, - 90W PAR38, Q150 PAR38

Frame, socket adapter and reflector ship separately.

Frame
PD7

Socket Adapter
V120

Reflector
Example
7VP38C

7VP38C=7" Vertical Specular Clear
7VP38H=7" Vertical Semi-Specular Clear
7VP38BB=7" Vertical Black Baffle
7VP38WB=7" Vertical White Baffle

Open Incandescent
Low iridescent, clear reflector
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Galvanized steel frame with 1/2" plaster lip
Accommodates ceilings up to 2" thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO's, listed for twelve #12 AWG 90° conductors
cUL listed, damp location

Recessed Downlighting
6/7

PD6
PD7
**6˝ Lens Incandescent , A19 - 150W max.**

**Frame, socket adapter and reflector ship separately.**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V120 – E26 Medium Base Incandescent</td>
<td>6VL2WB – 6˝ Vertical Prismatic Glass Lens, Specular Clear</td>
</tr>
</tbody>
</table>

**Example:**
- PD6
- V120
- 6VL2WB

**7˝ Lens Incandescent , A21 - 150W max.**

**Frame, socket adapter and reflector ship separately.**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V120 – E26 Medium Base Incandescent</td>
<td>7VL2WB – 7˝ Vertical Prismatic Glass Lens, Specular Clear</td>
</tr>
</tbody>
</table>

**Example:**
- PD7
- V120
- 7VL2WB

---

**PD6 / PD7**

**Lensed Incandescent**

- Low iridescent, clear reflector
- White painted self flange
- Torsion springs pull reflector to ceiling
- One piece folded metal socket cap
- Galvanized steel frame with 1/2” plaster lip
- Accommodates ceilings up to 2” thick
- Bar hangers lock to T-bar with screwdrivers or pliers
- Galvanized J-box with multiple KO’s, listed for twelve #12AWG 90° conductors
- cUL listed, wet location

**6˝/7˝ Recessed Downlighting**

**PD6**

**PD7**
6" Wall Wash Incandescent, A19 - 150W max.

Frame, socket adapter and reflector ship separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V120</td>
<td>6VWC</td>
</tr>
</tbody>
</table>

PD6

V120 = Vertical, E26, 120V

6VWC = 6" Vertical Open Wall Wash, Specular Clear

7" Wall Wash Incandescent, A19 - 150W max.

Frame, socket adapter and reflector ship separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V120</td>
<td>7VWC</td>
</tr>
</tbody>
</table>

PD7

V120 = Vertical, E26, 120V

7VWC = 7" Vertical Open Wall Wash, Specular Clear

7VWH = 7" Vertical Open Wall Wash, Semi-Specular Clear

PD6 / PD7 Vertical Wall Wash

**PD6**

Wall Wash Incandescent

Low iridescent, specular or semi-specular clear reflectors

White painted self flange

Torsion springs pull reflector to ceiling

One piece folded metal socket cap

Galvanized steel frame with 1/2" plaster lip

Accommodates ceilings up to 2" thick

Bar hangers lock to T-bar with screwdrivers or pliers

Galvanized J-box with multiple KO’s, listed for twelve #12AWG 90° conductors

cUL listed, wet location

6VWC = 6" Vertical Open Wall Wash, Specular Clear

6VWH = 6" Vertical Open Wall Wash, Semi-Specular Clear

P-13
**6” Open, Metal Halide ED17P**

Frame, socket adapter and reflector ship separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD6</td>
<td>V501E=50W MH, 120V Electronic</td>
<td>6VC=Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V701E=70W MH, 120V Electronic</td>
<td>6VH=Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V1001E=100W MH, 120V Electronic</td>
<td>6BB=Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td>V502E=50W MH, 277V Electronic</td>
<td>6WB=Vertical White Baffle</td>
</tr>
<tr>
<td></td>
<td>V702E=70W MH, 277V Electronic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V1002E=100W MH, 277V Electronic</td>
<td></td>
</tr>
</tbody>
</table>

**7” Open, Metal Halide ED17P**

Frame, socket adapter and reflector ship separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
<th>Reflector</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD7</td>
<td>V501E=50W MH, 120V Electronic</td>
<td>7VC=7” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V701E=70W MH, 120V Electronic</td>
<td>7VH=7” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V1001E=100W MH, 120V Electronic</td>
<td>7BB=7” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td>V502E=50W MH, 277V Electronic</td>
<td>7WB=7” Vertical White Baffle</td>
</tr>
<tr>
<td></td>
<td>V702E=70W MH, 277V Electronic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>V1002E=100W MH, 277V Electronic</td>
<td></td>
</tr>
</tbody>
</table>

**7” Open, Metal Halide PAR38**

Frame, socket adapter and reflector ship separately.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter*</th>
<th>Reflector</th>
</tr>
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<tbody>
<tr>
<td>PD7</td>
<td>V70X2E</td>
<td>7VP38BB</td>
</tr>
<tr>
<td></td>
<td>V70X1E=70W MH, 120V Electronic Ballast</td>
<td>7VP38C=7” Vertical Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V100X1E=100W MH, 120V Electronic Ballast</td>
<td>7VP38H=7” Vertical Semi-Specular Clear</td>
</tr>
<tr>
<td></td>
<td>V70X2E=70W MH, 277V Electronic Ballast</td>
<td>7VP38BB=7” Vertical Black Baffle</td>
</tr>
<tr>
<td></td>
<td>V100X2E=100W MH, 277V Electronic Ballast</td>
<td>7VP38WB=7” Vertical White Baffle</td>
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</tbody>
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* 4KV Medium Base Screw Shell Socket-PAR38 Lamps Only
6" Lens, Metal Halide ED17

Frame, socket adapter and reflector ship separately.

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<thead>
<tr>
<th>Frame</th>
<th>Socket Adapter</th>
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<tr>
<td>PD6</td>
<td>V502E</td>
<td>6VL4C</td>
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<tr>
<td></td>
<td>V501E=50W MH, 120V Electronic</td>
<td>6VL2C=6&quot; Vertical Prismatic Glass Lens, Specular Clear</td>
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<tr>
<td></td>
<td>V701E=70W MH, 120V Electronic</td>
<td>6VL2H=6&quot; Vertical Prismatic Glass Lens, Semi-Specular Clear</td>
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<td>V502E=50W MH, 277V Electronic</td>
<td>6VL2BB=6&quot; Vertical Prismatic Glass Lens, Black Baffle</td>
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<tr>
<td></td>
<td>V702E=70W MH, 277V Electronic</td>
<td>6VL2WB=6&quot; Vertical Fresnel Lens, Specular Clear</td>
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</tbody>
</table>

Aperture: 5 5/8" (143mm)
Cutout: 6 1/4" (158mm)
OD: 7" (178mm)

7" Lens, Metal Halide ED17

Frame, socket adapter and reflector ship separately.

<table>
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<tr>
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<td>7VL2C=7&quot; Vertical Prismatic Glass Lens, Specular Clear</td>
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<td>V701E=70W MH, 120V Electronic</td>
<td>7VL2H=7&quot; Vertical Prismatic Glass Lens, Semi-Specular Clear</td>
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<td>V1001E=100W MH, 120V Electronic</td>
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<td>V502E=50W MH, 277V Electronic</td>
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<td>V702E=70W MH, 277V Electronic</td>
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<td>V1002E=100W MH, 277V Electronic</td>
<td>7VL4H=7&quot; Vertical Fresnel Lens, Semi-Specular Clear</td>
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</tbody>
</table>

Aperture: 7 1/4" (184mm)
Cutout: 8" (203mm)
OD: 8 5/8" (221mm)

PD6
PD7

Lensed Metal Halide
Low iridescent, clear reflector
White painted self flange
Torsion springs pull reflector to ceiling
One piece folded metal socket cap
Galvanized steel frame with 1/2" plaster lip
Accommodates ceilings up to 2" thick
Bar hangers lock to T-bar with screwdrivers or pliers
Galvanized J-box with multiple KO’s, listed for twelve #12AWG 90° conductors
cUL listed, wet location
**PD6**
**PD7**

**Wall Wash Metal Halide**

Low iridescent, specular or semi-specular clear reflectors

White painted self flange

Torsion springs pull reflector to ceiling

One piece folded metal socket cap

Galvanized steel frame with 1/2" plaster lip

Accommodates ceilings up to 2" thick

Bar hangers lock to T-bar with screwdrivers or pliers

Galvanized J-box with multiple KO's, listed for twelve #12AWG 90° conductors

cUL listed, wet location

---

**6” Wall Wash Incandescent, A19 - 150W max.**

**Frame, socket adapter and reflector ship separately.**

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<tr>
<td>PD6</td>
<td>V501E</td>
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</table>

**PD6**

V501E=50W MH, 120V Electronic
V502E=50W MH, 277V Electronic
V701E=70W MH, 120V Electronic
V702E=70W MH, 277V Electronic
V1001E=100W MH, 120V Electronic
V1002E=100W MH, 277V Electronic

**6VWC=6” Vertical Open Wall Wash, Specular Clear**

**6VWH=6” Vertical Open Wall Wash, Semi-Specular Clear**

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**7” Wall Wash Incandescent, A19 - 150W max.**

**Frame, socket adapter and reflector ship separately.**

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**PD7**

V501E=50W MH, 120V Electronic
V502E=50W MH, 277V Electronic
V701E=70W MH, 120V Electronic
V702E=70W MH, 277V Electronic
V1001E=100W MH, 120V Electronic
V1002E=100W MH, 277V Electronic

**7WVC=7” Vertical Open Wall Wash, Specular Clear**

**7VWH=7” Vertical Open Wall Wash, Semi-Specular Clear**

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**Aperture:** 5 3/4" (147mm)
**Cutout:** 6 1/4" (158mm)
**OD:** 7" (178mm)
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BRAND FAMILIES

AMETRIX
A complete vocabulary of point source indirect luminaires including ceiling, suspended, semi-recessed and cove versions available with CFL, tungsten-halogen, metal halide and LED light sources.

CORELITE
A unique line of affordable architectural direct and indirect fluorescent and LED luminaires perfectly suited to the creation of task-friendly environments.

FAIL-SAFE
A line of vandal-resistant, confinement, clean room and healthcare lighting fixtures designed to withstand high abuse environments.

HALO
Quality recessed, track and surface products serving a wide range of commercial, residential, institutional and hospitality applications.

INVUE
Specification-grade architectural outdoor lighting solutions including area/site, wall mount, and floodlighting luminaires that bring together leading edge form and unmatched performance.

IO
Indoor and outdoor LED architectural products that include linear floodlights, cove lighting, illuminated handrails, wall sconces and signage.

IRIS
Specification-grade, architectural recessed downlighting luminaires offering unsurpassed optical performance and a diverse collection of lamp and optical choices.

LUMARK
A line of quality commercial and industrial products including area/site fixtures, security and floodlighting fixtures to satisfy virtually every indoor or outdoor LED and HID lighting need.

McGRAW-EDISON
Versatile, high performance and efficient architectural LED and HID fixtures for outdoor industrial, utility and commercial applications designed for durability and a long life.

METALUX
An extensive line of fluorescent and LED lighting products including parabolics, lensed, recessed, surface, strip and industrial fixtures.

MWS
A unique modular wiring system that offers the fastest and most effective way to wire lighting fixtures.

NEO-RAY
An innovative product line of direct, indirect and surface-mounted specification-grade fluorescent and LED architectural luminaires featuring a distinctive combination of high quality and aesthetics.

PDS
A family of 6-inch, 7-inch and 8-inch recessed downlights designed to provide maximum performance without sacrificing cost.

PORTFOLIO
The flagship line of specification-grade luminaires that includes LED, compact fluorescent, incandescent, low voltage and HID fixtures for recessed and surface applications.

RSA
A line of cutting-edge, architectural lighting systems that feature unique and functional design, which include multi-lamp recessed, track and linear lighting.

STREETWORKS
Outdoor LED and HID solutions for utility, D.O.T. and municipal markets that include area/site, roadway, pathway, floodlighting and sign lighting luminaires.

SURE-LITES
A full line of innovative emergency and exit lighting products designed for commercial, industrial and residential markets.

SHAPER
An extensive collection of architectural, specification-grade decorative lighting fixtures featuring distinctive designs for both interior and exterior applications.

SHERP
A provider in energy management, architectural and entertainment lighting controls solutions that include industry-leading brands such as iLumin (iLight – Europe), Greengate, and Zero 88.
In an increasingly competitive world, it's not enough to only be a product supplier or a solutions provider. Individuals and enterprises alike, need the strength and resources of a committed partner.

That is why Cooper Industries leads in virtually every market we serve. Customers rely on us for unsurpassed reliability and innovation. They count on us for industry-leading service, profiting from our strategic insights. Every day around the world, people choose Cooper Industries for products to keep their businesses running, and for our unyielding determination to keep them growing.