

# CYLINDER

Wall mounted • Wet location listed



## Specifications:

### Description:

The P5674 Series are ideal for a wide variety of interior and exterior applications including residential and commercial. The Cylinders feature a 120V alternating current source and eliminates the need for a traditional LED driver. This modular approach results in an encapsulated luminaire that unites performance, cost and safety benefits.

### Construction:

White (-30) (powdercoat)  
 Die cast and extruded aluminum construction  
 metal shade  
 Flicker-free dimming to 10% brightness with most ELV type dimmers  
 (See Dimming Notes)  
 Back plate covers a standard 4" hexagonal recessed outlet box  
 4-1/2" sq. Mounting plate for outlet box included  
 6" of wire supplied  
 Wet location listed when used with P8799 lens cover (sold separately)

### Performance:

|                     |                                |
|---------------------|--------------------------------|
| Number of Modules   | 1                              |
| Input Power         | 17W                            |
| Input Voltage       | 120V                           |
| Input Frequency     | 60Hz                           |
| Lumens/LPW          | 788/46 (LM-79) per module      |
| CCT                 | 3000K                          |
| CRI                 | 90                             |
| Life                | 60,000 (L70/TM-21)             |
| EMI/RFI             | FCC Title 47, Part 15, Class B |
| Min. Start Temp     | -30° C                         |
| Max. Operating Temp | 30° C                          |
| Warranty            | 5 year warranty                |
| Labels              | cCSAus Wet location listed     |

## P5674-30/30K

### Images:



### Dimensions:

Width: 5"  
 Height: 7-1/2"  
 Depth: 8"  
 H/CTR: 2-1/2"

### Catalog number:

| Base         | Finish            | Color Temp         | CRI                  |
|--------------|-------------------|--------------------|----------------------|
| <b>P5674</b> | <b>30 - White</b> | <b>30K - 3000K</b> | <b>Blank- 90 CRI</b> |

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### Dimming Notes:

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P5674 is designed to be compatible with many Electronic Low Voltage (ELV-Reverse Phase) controls.

The following is a partial list of known compatible dimmer controls:

#### Electronic Low Voltage ELV Reverse Phase Controls

|         |               |                          |
|---------|---------------|--------------------------|
| Lutron  | Diva Series   | (Part Number DVELV-300P) |
| Lutron  | Nova T Series | (Part Number NTELV-300)  |
| Lutron  | Vierti Series | (Part Number VTELV-600)  |
| Lutron  |               | (Part Number MAELV-600)  |
| Lutron  |               | (Part Number SPELV-600)  |
| Leviton |               | (Part Number AWRMG-EAW)  |
| Leviton |               | (Part Number 6615-P)     |

Digital type dimmers are not recommended.

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation.

Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are trade names or registered trademarks of each respective company.

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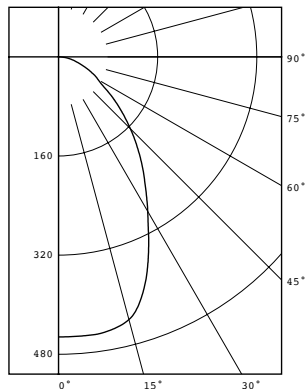


## Photometrics:

## P5674-30/30K

|                                                     |                                |
|-----------------------------------------------------|--------------------------------|
| ELECTRICAL DATA                                     | P5674-30/30K                   |
| Input Voltage                                       | 120V                           |
| Input Frequency                                     | 60Hz                           |
| Input Current                                       | 0.11A                          |
| Input Power                                         | 17W                            |
| Power Factor                                        | >0.90                          |
| THD                                                 | <20%                           |
| EMI Filtering                                       | FCC Title 47, Part 15, Class B |
| Operating Temperature                               | -30° C to 30° C                |
| Dimming                                             | Yes*                           |
| Over-voltage, over-current, short-circuit protected |                                |
| *See Dimming Notes for more information             |                                |

P5674-30/30K  
LED Light Engine: 3000K 90 CRI  
System Wattage: 16.4  
Fixture delivered lumens: 785  
Fixture Efficacy: 48.0  
Spacing Criteria: 1.0



| CANDELA DISTRIBUTION |         |
|----------------------|---------|
| DEG                  | CANDELA |
| 0                    | 452     |
| 5                    | 452     |
| 15                   | 439     |
| 25                   | 344     |
| 35                   | 242     |
| 45                   | 164     |
| 55                   | 97      |
| 65                   | 58      |
| 75                   | 29      |
| 85                   | 9       |
| 90                   | 0       |

| ZONAL LUMEN SUMMARY |        |            |
|---------------------|--------|------------|
| ZONE                | LUMENS | %LUMINAIRE |
| 0-30                | 323    | 41.0%      |
| 0-40                | 475    | 60.2%      |
| 0-60                | 690    | 87.5%      |
| 0-90                | 788    | 100.0%     |
| 90-180              | 0      | 0.0%       |
| 0-180               | 788    | 100.0%     |

## COEFFICIENTS OF UTILIZATION

Zonal Cavity Method

| Room Cavity Ratio | % Effective Ceiling Cavity Reflectance |    |    |    |     |    |    |    |     |    |    |    |     |  |  |  |
|-------------------|----------------------------------------|----|----|----|-----|----|----|----|-----|----|----|----|-----|--|--|--|
|                   | 80%                                    |    |    |    | 70% |    |    |    | 50% |    |    |    | 30% |  |  |  |
|                   | 20% Effective Floor Cavity Reflectance |    |    |    |     |    |    |    |     |    |    |    |     |  |  |  |
|                   | % Wall Reflectance                     |    |    |    |     |    |    |    |     |    |    |    |     |  |  |  |
|                   | 70                                     | 50 | 30 | 10 | 70  | 50 | 30 | 10 | 70  | 50 | 30 | 10 |     |  |  |  |
| 1                 | 98                                     | 94 | 91 | 87 | 90  | 81 | 74 | 69 | 61  | 58 | 50 | 49 |     |  |  |  |
| 3                 | 83                                     | 74 | 67 | 61 | 76  | 58 | 58 | 50 | 49  | 43 | 38 | 33 |     |  |  |  |
| 5                 | 70                                     | 59 | 51 | 46 | 65  | 43 | 47 | 38 | 40  | 33 | 27 | 22 |     |  |  |  |
| 7                 | 60                                     | 49 | 41 | 36 | 56  | 34 | 39 | 30 | 34  | 27 | 22 | 18 |     |  |  |  |
| 9                 | 52                                     | 41 | 33 | 29 | 48  | 27 | 33 | 24 | 29  | 22 | 18 | 15 |     |  |  |  |

Test No. 16.00019

Tested at 25°C Ambient in accordance to IESNA LM-79-2008

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