

LLH : LED Linear Highbay



project name	type
catalog number	
comments	voltage
approved by	date

110-321 watts

14,410 - 41,920 lumens

130+ lpw

70,000 hours

Features

- Cost-effective solid state LED solution for highbay and lowbay applications replacing up to 250 watt and 400 watt HID fixtures and multi-lamp fluorescent luminaires
- >130 lpw ultra-high efficiency delivers superior performance over fluorescent and HID, saving up to 60% of energy costs
- Heavy gauge steel body with welded frame construction resists twisting and bowing
- Universal 0-10V driver for continuous dimming
- 1S items feature pre-installed adjustable occupancy sensor
- Diffuse frosted acrylic lens to control glare (standard) or optional clear lens for higher light output (sold separately)
- 10 ft. Y-toggle aircraft cable mounting hardware included
- 10kV surge protector included

Performance

- Rated lifetime L70
 - >100,000 @ 40°C (104°F)
 - >72,000 @ 50°C (122°F)
- -18°C (-0°F) to 50°C (122°F) ambient operating temperature
- UL Listed for Damp Location
- 4000K, 5000K CCT
- CRI: >80
- Input voltage: 120-277, 347
- Driver efficiency: >85%
- Power Factor: >.9
- THD: <20%

Applications

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Industrial / Commercial
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service/Repair Centers

Ordering Information

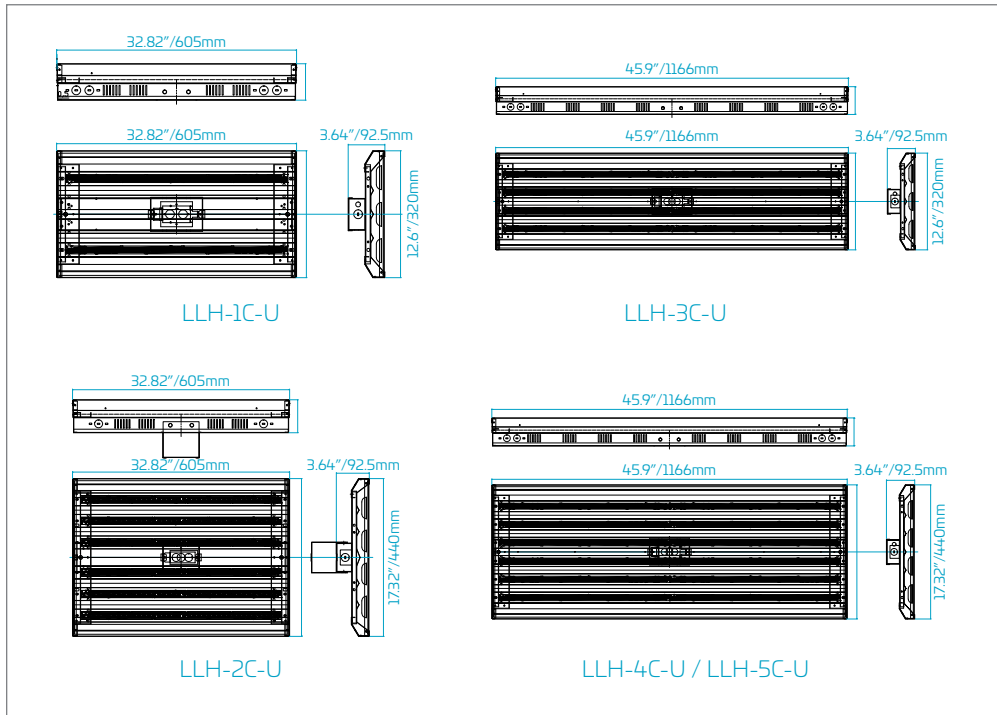
Order Code	Item #	Length	W	Lm	CCT	Lens	Driver	V	DLC Premium
09703	LLH-1C-40K-U	2'	110W	14,410	4000K	Frosted	0-10V	120-277	✓
09538	LLH-1C-50K-U	2'	110W	14,410	5000K	Frosted	0-10V	120-277	✓
09741	LLH-1C-50K-V*	2'	110W	14,410	5000K	Frosted	0-10V	347	✓
09571	LLH-1C-50K-U-1S †	2'	110W	14,410	5000K	Frosted	1-10V	120-277	✓
09539	LLH-2C-50K-U	2'	162W	21,222	5000K	Frosted	0-10V	120-277	✓
09742	LLH-2C-50K-V*	2'	162W	21,222	5000K	Frosted	0-10V	347	✓
09572	LLH-2C-50K-U-1S †	2'	162W	21,222	5000K	Frosted	1-10V	120-277	✓
09540	LLH-3C-50K-U	4'	223W	29,213	5000K	Frosted	0-10V	120-277	✓
09573	LLH-3C-50K-U-1S †	4'	223W	29,213	5000K	Frosted	1-10V	120-277	✓
09591	LLH-3C-50K-V	4'	223W	29,213	5000K	Frosted	0-10V	347-480	✓
09541	LLH-4C-50K-U	4'	265W	34,715	5000K	Frosted	0-10V	120-277	✓
09542	LLH-5C-50K-U	4'	321W	41,920	5000K	Frosted	0-10V	120-277	✓
09592	LLH-5C-50K-V	4'	321W	41,920	5000K	Frosted	0-10V	347-480	✓

✓DesignLights Consortium® Premium Qualified *Canada only. †Occupancy sensor factory installed

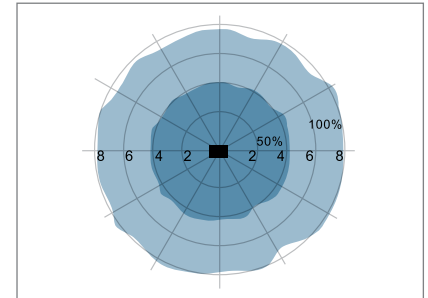


LLH : LED Linear Highbay

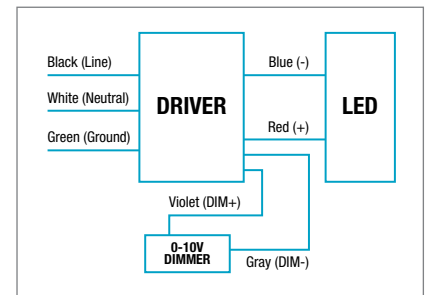
Dimensions



Detection Pattern for IS Occupancy Sensor at 15m



Wiring Diagram



Replacement Chart

Item #	Voltage	Watts	Lumens	Replaces HID	Replaces Fluor.	Ceiling Height	DLC
LLH-1C-50K-U	120V-277V	110W	14,410	175W-250W	HBF 6 Lamp T8 and 4 Lamp T5	16' to 24'	V4.1 Premium
LLH-1C-50K-U-1S	120V-277V	110W	14,410	175W-250W	HBF 6 Lamp T8 and 4 Lamp T5	16' to 24'	V4.1 Premium
LLH-2C-50K-U	120V-277V	162W	21,222	250W-400W	HBF 8 Lamp T8 and 6 Lamp T5 HO	20' to 24'	V4.1 Premium
LLH-2C-50K-U-1S	120V-277V	162W	21,222	250W-400W	HBF 8 Lamp T8 and 6 Lamp T5 HO	20' to 24'	V4.1 Premium
LLH-3C-50K-U	120V-277V	223W	29,213	500W	8 Lamp T5 HO	24' to 40'	V4.1 Premium
LLH-3C-50K-U-1S	120V-277V	223W	29,213	500W	8 Lamp T5 HO	24' to 40'	V4.1 Premium
LLH-3C-50K-V	347V-480V	223W	29,213	500W	8 Lamp T5 HO	24' to 40'	V4.1 Premium
LLH-4C-50K-U	120V-277V	265W	34,715	600W-1000W	8 Lamp T5 HO	24' to 40'	V4.1 Premium
LLH-5C-50K-U	120V-277V	321W	41,920	600W-1000W	8 Lamp T5 HO	24' to 40'	V4.1 Premium
LLH-5C-50K-V	347V-480V	321W	41,920	600W-1000W	8 Lamp T5 HO	24' to 40'	V4.1 Premium

Accessories (sold separately; field installed)

Order Code	Item #	Description
09226	LLH-CHAIN	Mounting Chain for LLH, 105 meters (1 pair)
09336	LLH-CL-2x1	Clear Lens for LLH-2C-U, LLH-1C-50K-U
09337	LLH-CL-2x1.5	Clear Lens for LLH-3C-U, LLH-2C-50K-U
09338	LLH-CL-4x1	Clear Lens for LLH-4C-U, LLH-3C-50K-U
09700	LLH-CL-4x1.5	Replacement Clear Lens for LLH-4C-50K-U, LLH-5C-50K-U
09339	LLH-FL-2x1	Replacement Frosted Lens for LLH-2C-U, LLH-1C-50K-U
09340	LLH-FL-2x1.5	Replacement Frosted Lens for LLH-3C-U, LLH-2C-50K-U
09341	LLH-FL-4x1	Replacement Frosted Lens for LLH-4C-U, LLH-3C-50K-U
09701	LLH-FL-4x1.5	Replacement Frosted Lens for LLH-4C-50K-U, LLH-5C-50K-U

Order Code	Item #	Description
09227	LLH-PENDANT BOX	Pendant Box for LLH, 3/4 inch NPT
09230	LLH-V HOOK-1	V-Hook for LLH-2C-U, LLH-4C-U, LLH-1C-50K-U, LLH-3C-50K-U
09229	LLH-V HOOK-1.5	V-Hook for LLH-3C-U, LLH-2C-50K-U, LLH-4C-50K-U, LLH-5C-50K-U
09222	LLH-WG-2x1	Wireguard for LLH-2C-U, LLH-1C-50K-U
09223	LLH-WG-2x1.5	Wireguard for LLH-3C-U, LLH-2C-50K-U
09224	LLH-WG-4x1	Wireguard for LLH-4C-U, LLH-3C-50K-U
09702	LLH-WG-4x1.5	Wire Guard for LLH-4C-50K-U, LLH-5C-50K-U
08845	LLH-YTK	Y-Toggle Cable - 10 ft. (one only - 2 needed per order)

watch > like > follow

