

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)
- -30°C (-22°F) to 50°C (122°F) ambient operating temperature
- UL Listed for Damp Location
- 4000K, 5000K CCT
- CRI: >80
- Input voltage: 120-277, 347, 347-480
- 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

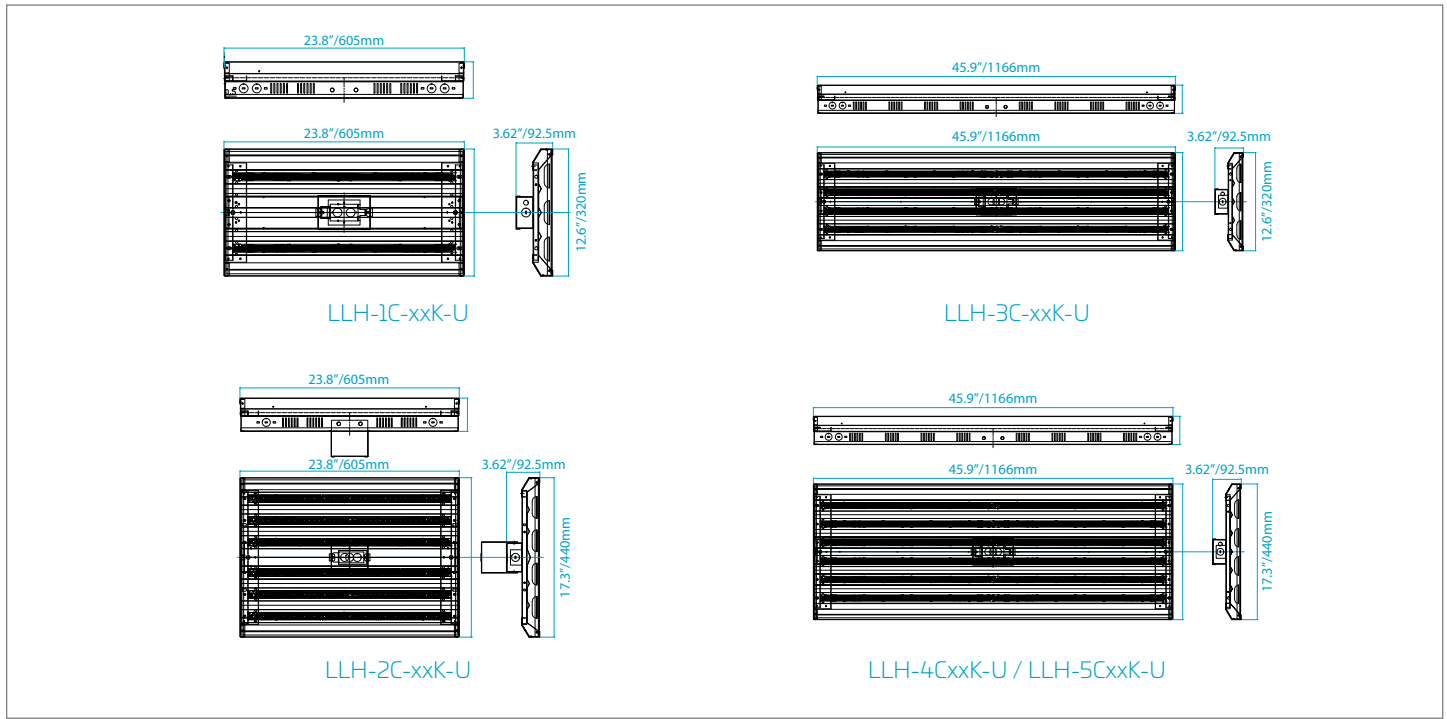
Order Code	Item #	Length	W	Lm	CCT	Lens	Driver	V	DLC Premium
09703	LLH-1C-40K-U	2'	110W	14,410	4000K	Frosted	0-10V	120-277	✓
09793	LLH-1C-40K-V*	2'	110W	14,300	4000K	Frosted	0-10V	347	✓
09538	LLH-1C-50K-U	2'	110W	14,410	5000K	Frosted	0-10V	120-277	✓
09741	LLH-1C-50K-V*	2'	110W	14,410	5000K	Frosted	0-10V	347	✓
09571	LLH-1C-50K-U-1S †	2'	110W	14,410	5000K	Frosted	1-10V	120-277	✓
09771	LLH-2C-40K-U	2'	162W	21,222	4000K	Frosted	0-10V	120-277	✓
09794	LLH-2C-40K-V*	2'	162W	21,060	4000K	Frosted	0-10V	347	✓
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	✓
09772	LLH-3C-40K-U	4'	223W	29,213	4000K	Frosted	0-10V	120-277	✓
09795	LLH-3C-40K-V	4'	223W	28,990	4000K	Frosted	0-10V	347-480	✓
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	✓
09773	LLH-4C-40K-U	4'	265W	34,715	4000K	Frosted	0-10V	120-277	✓
09541	LLH-4C-50K-U	4'	265W	34,715	5000K	Frosted	0-10V	120-277	✓
09774	LLH-5C-40K-U	4'	321W	41,920	4000K	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



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Dimensions



Replacement Chart

Item #	Watts	Lumens	Replaces HID	Replaces Fluorescent	Ceiling Height	DLC
LLH-1C-xxK-x	110W	14,400±100	175W-250W	HBF 6 Lamp T8 and 4 Lamp T5	16' to 24'	Premium
LLH-2C-xxK-x	162W	21,100±100	250W-400W	HBF 8 Lamp T8 and 6 Lamp T5 HO	20' to 24'	Premium
LLH-3C-xxK-x	223W	29,000±100	500W	8 Lamp T5 HO	24' to 40'	Premium
LLH-4C-xxK-x	265W	34,715	600W-1000W	8 Lamp T5 HO	24' to 40'	Premium
LLH-5C-xxK-x	321W	41,920	600W-1000W	8 Lamp T5 HO	24' to 40'	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-1C-50K-U
09337	LLH-CL-2x1.5	Clear Lens for LLH-2C-50K-U
09338	LLH-CL-4x1	Clear Lens for 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-1C-50K-U
09340	LLH-FL-2x1.5	Replacement Frosted Lens for LLH-2C-50K-U
09341	LLH-FL-4x1	Replacement Frosted Lens for LLH-3C-50K-U
09701	LLH-FL-4x1.5	Replacement Frosted Lens for LLH-4C-50K-U, LLH-5C-50K-U
09818	LLH-SMK-1	Surface Mount Kit, 12.6"
09819	LLH-SMK-2	Surface Mount Kit, 17.3"
09227	LLH-PENDANT BOX	Pendant Box for LLH, 3/4 inch NPT
09230	LLH-V HOOK-1	V-Hook (1 pair) for LLH-1C-50K-U, LLH-3C-50K-U
09229	LLH-V HOOK-1.5	V-Hook (1 pair) for LLH-2C-50K-U, LLH-4C-50K-U, LLH-5C-50K-U

Order Code	Item #	Description
09222	LLH-WG-2x1	Wireguard for LLH-1C-50K-U
09223	LLH-WG-2x1.5	Wireguard for LLH-2C-50K-U
09224	LLH-WG-4x1	Wireguard for 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)
09849	FHSCP-UNV-5WL	5W Emergency Battery Backup
09851	FHSCP-UNV-7.8WL	7.8W Emergency Battery Backup
09850	FHSCP-UNV-10.7WL	10.7W Emergency Battery Backup
09852	FHSCP-UNV-13.7WL	13.7W Emergency Battery Backup
09854	FHSCP-UNV-17WL	17W Emergency Battery Backup
09890	SEN-3A-KO	Sensor, PIR OCC/PC

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