



LLH Linear High Bay

FEATURES

- 150 lpm ultra-high efficiency delivers superior performance over fluorescent and HID, saving up to 60% of energy costs
- Multiple controls options, including 0-10V, occupancy sensors, and DLC Qualified Xi-Fi wireless mesh controls system.
- Standard Z10 receptacle simplifies adding controls

CERTIFICATIONS

- UL Listed for dry and damp locations
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- Rated lifetime:
 - Reported L80 >54,000 hours @ 50°C
 - Reported L90 44,000 hours @ 50°C
 - Projected L70 150,000 hours @ 50°C
- 4000K, 5000K CCT
- CRI: >80
- UGR: <28

ELECTRICAL

- Input voltage: 120-277V
- 0-10V dimming to <10% with dim-to-off capability
- Power Factor: >.9
- THD: <20%
- Dimming sink current: 2mA
- Auxiliary Power: 12VDC, 200mA

THERMAL

- 22°F to 122°F (-30°C to 50°C) operating temperature

CONSTRUCTION

- Heavy gauge steel body with welded frame construction resists twisting and bowing
- 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
- Built-in 2kV surge protection

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details

project name	type
catalog number	voltage
approved by	date



APPLICATIONS

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

CONFIGURATOR

MODEL	HOUSING	LUMEN PACKAGE	CRI/CCT	VOLTAGE	DIMMING	CONTROLS
LLH : Linear High Bay	1E - 1'x2'	100W - 100W; 15,000 lm 160W - 160W; 24,000 lm	840 - 80 CRI; 4000K 850 - 80 CRI; 5000K	U - 120-277V	D - 0-10V Dimming	See page 2 for options
	2E - 1.5'x2'	200W - 200W; 30,000 lm				



PERFORMANCE SUMMARY

ORDER CODE	ITEM #	LENGTH	WATTS	NOMINAL LUMENS	LPW	CCT	LENS	DIMMING	VOLTS	REPLACES	DLC PREMIUM
12138	LLH1E/100W/840/UD	2'	100W	15,000	150	4000K	Frosted	0-10V	120-277V	HBF 6x T8/4x T5	✓
12139	LLH1E/100W/850/UD	2'	100W	15,000	150	5000K	Frosted	0-10V	120-277V	HBF 6x T8/4x T5	✓
12140	LLH1E/160W/840/UD	2'	160W	24,000	150	4000K	Frosted	0-10V	120-277V	HBF 8x T8/6x T5 HO	✓
12141	LLH1E/160W/850/UD	2'	160W	24,000	150	5000K	Frosted	0-10V	120-277V	HBF 8x T8/6x T5 HO	✓
12142	LLH2E/200W/840/UD	2'	200W	30,000	150	4000K	Frosted	0-10V	120-277V	8x T5 HO	✓
12143	LLH2E/200W/850/UD	2'	200W	30,000	150	5000K	Frosted	0-10V	120-277V	8x T5 HO	✓

CONTROLS

ORDER CODE	ITEM #	DESCRIPTION
SENSORS		
11947	SEN5A/PIR/Z10*	Sensor Passive Infrared Occupancy Bi-Level Dimming with Photocell Z10
11931	SEN5A/M/Z10*	Sensor Microwave Occupancy Bi-Level Dimming with Photocell Z10
11933	SEN5A/CT	Commissioning Tool for Series 5 Sensors

*Requires SEN5A/CT to commission sensor

ORDER CODE	ITEM #	DESCRIPTION
XI-FI		
12403	XIFI/M/CV1/Z10	Z10 Xi-Fi Capsule with Clear dome and a microwave motion sensor
10893*	EC-004-2N-129*	Xi-Fi Dongle
10894*	EC-018-9N-147*	Xi-Fi Remote

*Only one needed for each project/site/user. Contact Eiko Regional Sales Manager for details.

LUMEN EQUIVALENT

LLH-DX SERIES	LLH1E/100W	LL1E/160W	LLH2E/200W
LLH-1DX	✓		
LLH-2DX		✓	
LLH-3DX			✓

SIZE EQUIVALENT

LLH-DX SERIES	NOMINAL FIXTURE SIZE	LLH1E	LLH2E
LLH-1DX	1 x 2	✓	
LLH-2DX	1 X 2	✓	
LLH-3DX	1.5 x 2		✓

PRODUCT DIMENSIONS

