



LLH Linear High Bay

FEATURES

- 150 lpw 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 L70 >54,000 hours
 - Reported L90 >41,000 hours
 - Projected L70 >130,000 hours
- 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	1EA - 1'x2'	100W - 100W; 15,000 lm 135W - 135W; 20,250 lm	840 - 80 CRI; 4000K 850 - 80 CRI; 5000K	U - 120-277V	D - 0-10V Dimming	See page 2 for options
LLH : Linear High Bay	2EA - 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
12472	LLH1EA/100W/840/UD	2'	100W	15,000	150	4000K	Frosted	0-10V	120-277V	HBF 6x T8/4x T5	✓
12473	LLH1EA/100W/850/UD	2'	100W	15,000	150	5000K	Frosted	0-10V	120-277V	HBF 6x T8/4x T5	✓
12486	LLH1EA/135W/840/UD	2'	135W	20,250	150	4000K	Frosted	0-10V	120-277V	HBF 8x T8/6x T5 HO	✓
12487	LLH1EA/135W/850/UD	2'	135W	20,250	150	5000K	Frosted	0-10V	120-277V	HBF 8x T8/6x T5 HO	✓
12488	LLH2EA/200W/840/UD	2'	200W	30,000	150	4000K	Frosted	0-10V	120-277V	8x T5 HO	✓
12489	LLH2EA/200W/850/UD	2'	200W	30,000	150	5000K	Frosted	0-10V	120-277V	8x T5 HO	✓

*Nominal Lumens based on 5000K CCT. Actual lumens may vary.

ADDITIONAL FACTORY INSTALLED OPTIONS

EXAMPLE: LLH1EA/135W/850/UD-EM15W

EMERGENCY BATTERIES

EM15W - 15W Emergency Battery

EM30W - 30W Emergency Battery

CONTROLS

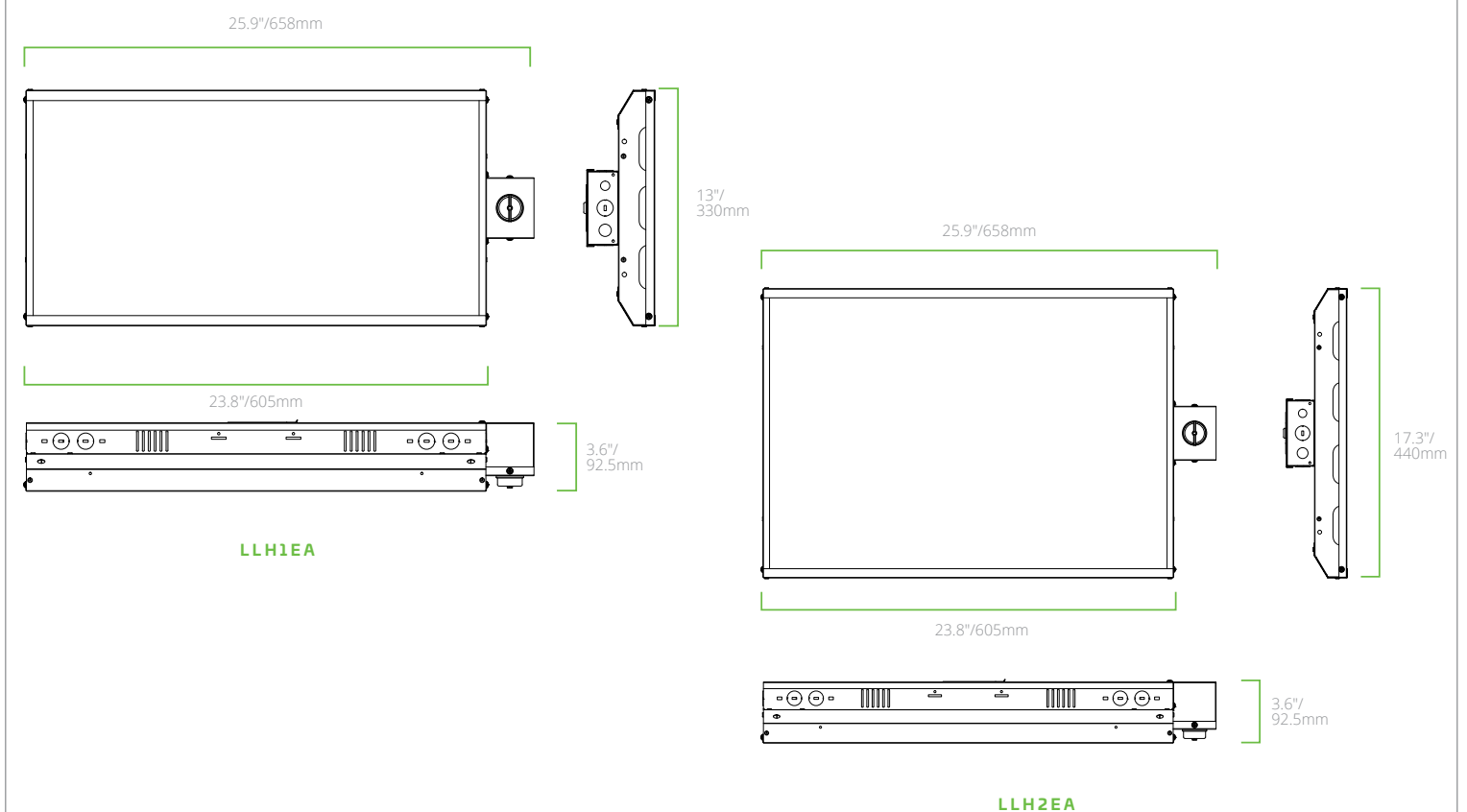
ORDER CODE	ITEM #	DESCRIPTION
SENSORS		
11947	SEN5A/PIR/Z10*	Sensor Passive Infrared Occupancy Bi-Level Dimming with Photocell Z10
11931	SEN5A/M/Z10*	Sensor Microwave Occupancy Bi-Level Dimming with Photocell Z10
11933	SEN5A/CT	Commissioning Tool for Series 5 Sensors

*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.

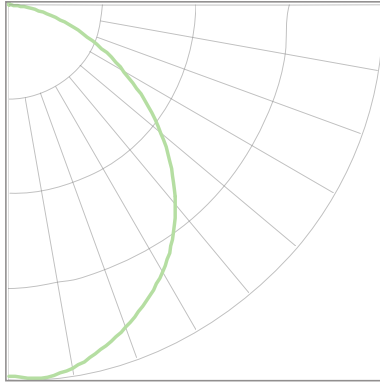
PRODUCT DIMENSIONS



PHOTOMETRICS

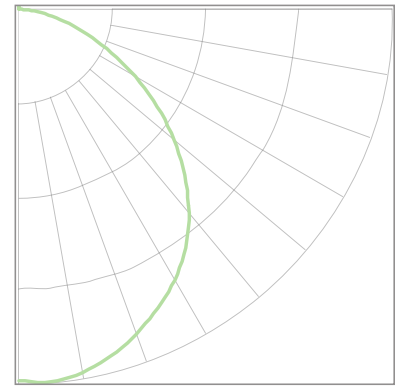
LLH1EA/100W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	4420.09	29.6%
0-40	7186.10	48.2%
0-60	12256.01	82.2%
0-80	14669.34	98.4%
0-90	14860.69	100%
60-80	2413.33	16.2%
70-80	818.89	5.5%
80-90	191.35	1.3%



LLH1EA/135W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	5871.06	29.5%
0-40	9576.07	48.1%
0-60	16378.52	82.3%
0-80	19562.05	98.3%
0-90	19825.07	100%
60-80	3183.53	16%
70-80	1071.94	5.4%
80-90	263.02	1.3%



LLH2EA/200W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	8625.79	29.6%
0-40	14059.93	48.2%
0-60	24037.09	82.3%
0-80	28714.74	98.4%
0-90	29086.34	100%
60-80	4677.65	16%
70-80	1576.52	5.4%
80-90	371.60	1.3%

