



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.

BATTERY BACKUPS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
	11675	EEBE18WHA170S*	EiKO Emergency Battery External 18W 100-347V 170VDC Single Flex-Conduit CEC Compliant. Factory or field install. See spec sheet for full details. Note: Suitable ONLY for 100-347V 100W & 135W fixtures.	EB18
	13574	EEBE40WHA170S*	EiKO Emergency Battery External 40W 100-347VAC 170VDC Linear Single Flex-Conduit CEC Compliant. Factory or field install. See spec sheet for full details. Note: In EM mode, only half of the 440W fixture will power up.	EB40
	10920	EEBE30WUA050S	EiKO Emergency Battery External 30W 120-277VAC 25-50VDC CEC Compliant	EB30

*** WARNING:** When using these AC version battery backups with any control solution, internal rewiring is required according to the installation sheet's wiring diagram. Failure to do so may result in a violation of safety codes.

CONTROLS & SENSORS: FIELD INSTALLED

ORDER	ORDER CODE	ITEM #	DESCRIPTION
STANDALONE CONTROLS			
PIR SENSORS			
	800654	MS2-OPD-3	Stand-alone PIR Motion Sensor, 120-347V, 1/2" knock-out, On/Off, Ambient Threshold, 40ft, Parameters set by dip switch.
	800655	MS2-DPX-3	Stand-alone PIR Motion Sensor, 120-347V, 1/2" knock-out, 0-10V, Ambient Threshold, 40ft, Parameters set by dip switch, RC-100 or SEN5A-ACT.
	10220	SEN-3B-KO	Stand-alone PIR Motion Sensor, 120-277V, IP66, 1/2" knock-out, 0-10V, Ambient Threshold, 30ft, Parameters set by SEN-3-RC.
	10476	SEN-3AA-KO	Stand-alone PIR Motion Sensor, 120-277V, 1/2" knock-out, On/Off, Ambient Threshold, 30ft, Parameters set by dip switch.
	13342	SEN5A-SZPR-WH	Stand-alone PIR Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.
MICROWAVE SENSORS*			
	313895	MS1-DHR-KO-1	Stand-alone Microwave Motion Sensor, 120-277V, IP65, 1/2" knock-out, 0-10V, Ambient Threshold, 48ft, Parameters set by RC01.
	801281	MSF-DMR-12	Stand-alone Microwave Motion Sensor, 12V, screw-in, 0-10V, Ambient Threshold, 49ft, Parameters set by remote RC02.
	12150	SEN/M/S1C/KO	Stand-alone Microwave Motion Sensor, 120-277V, IP65 1/2" knock-out, 0-10V, Ambient Threshold, Parameters set by SEN-S1-RC3.
	13341	SEN5A-SZMR-WH	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT.

* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.

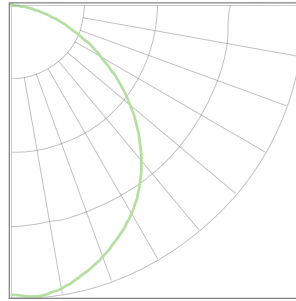
REMOTES FOR COMMISSIONING STANDALONE CONTROLS			
	13344	SEN5A-ACT	Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3. (Backward compatible with SEN5A/CT and RC-100)
	10226	SEN-3-RC	Commissioning Tool for SEN-3B-KO and SEN-3C-KO.
	313897	RC01	Commissioning Tool for MS1-DHR-SA-4, MS1-DHR-KO-1, MS1-DHR-KO-4.
	10917	SEN-S1-RC3	Compatible with SEN/M/S1C/KO.
	800891	RC02	Commissioning Tool for MSF-DPR-12, MSF-DMR-12.

ORDER	ORDER CODE	ITEM #	DESCRIPTION
NETWORKED LIGHTING CONTROLS (NLC)			
SENSOR AND CONTROLLER			
	13246	SENA-WZPA-WH	BLE PIR Motion sensor, 12-24V, IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvoir App.
	12643	PSC-ZKV-WCM-100-BLE-SR	BLE TruBLE wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvoir App.
WALL OR WIRELESS CONTROLLERS			
	12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.
	12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.
	12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App.
	12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.
	12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvoir App.
ADAPTERS & ACCESSORIES			
	12994	PSC-RET-100-BLE-SR	BLE TruBlu Range Extender, 120-277V, 800ft, Nema 4X Outdoor Enclosure
	12993	PSC-TKP-200-BLE-SR	BLE TruBlu Battery Backup Timekeeper and Range Extender, 120V, 800ft, Nema 4X Outdoor Enclosure
	13234	SGW-101	BLE Silvoir Gateway SGW-101 Manufactured by Rigado (model: Cascade-500). 5-year from Silvoir warranty and tech support.

PHOTOMETRICS

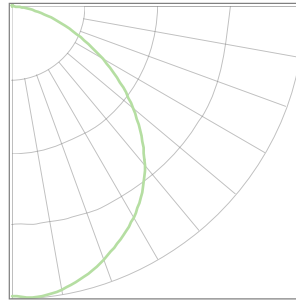
LLH1EA/100W (Typical performance @ 5000K)

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%



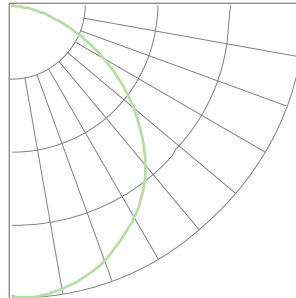
LLH1EA/135W (Typical performance @ 5000K)

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%

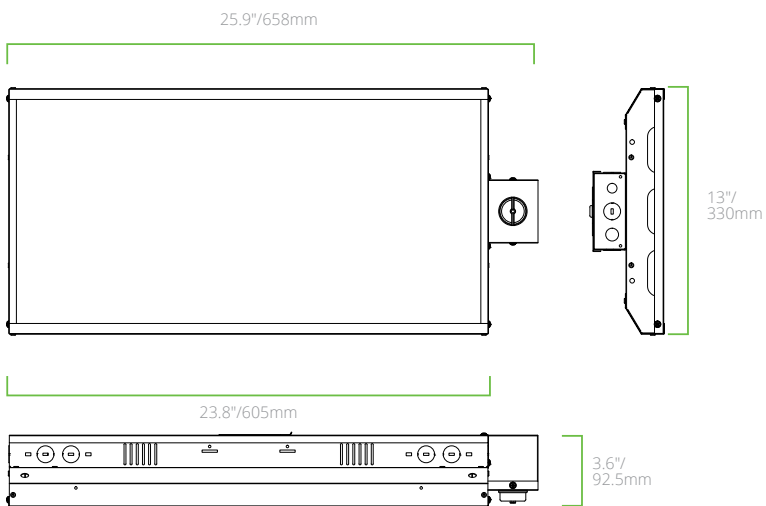


LLH2EA/200W (Typical performance @ 5000K)

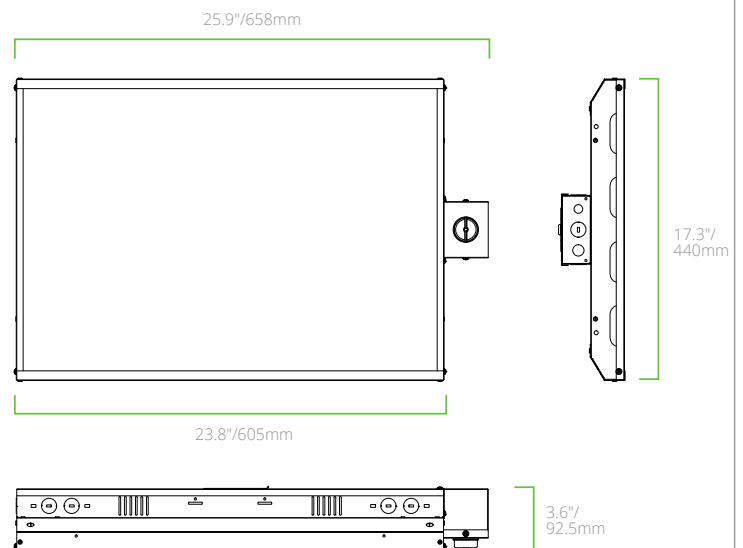
ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	8625.79	29.6%
0-40	14059.93	48.2%
0-60	24037.09	82.3%
0-80	28714.74	98.4%
0-90	29086.34	100%
60-80	4677.65	16%
70-80	1576.52	5.4%
80-90	371.60	1.3%



PRODUCT DIMENSIONS



LLH1EA



LLH2EA