



LHS1 LINEAR HIGH BAY - SINGLE LENS

HIGHLIGHTS

- Heavy gauge steel body with welded frame construction resists twisting and bowing
- Controls Ready makes adding controls quick and easy. Includes screw-in receptacle for Standalone sensors or Networked Lighting Controls
- Field and factory install backup battery options
- Frosted polycarbonate lens eliminates glare
- Every model includes a 10' cord (no plug), V-hooks and 6.5' aircraft cables
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

CERTIFICATIONS

- UL listed for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- Damp Location rated
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- High efficacy, up to 150 lm/W
- Available in PowerSet wattage models: power-selectable 160/130/110/90W, 200/180/160/140W, 240/220/200/180W, 320/300/280/260W or 440/400/380/360W
- Available in FieldCCeT models: field selectable CCT 4000/5000K
- CRI: >80
- Beam Angle: 95°
- Estimated L70: 100,000 Hours

ELECTRICAL

- Input voltage: 120-347V & 277-480V
- 0-10 V dimming, dim-to-off
- 12VDC Aux, 200mA max
- Surge protection: 6kV
- Power factor: >0.9
- THD: <20%

THERMAL

- -40°F to 122°F (-40°C to 50°C) ambient operating temperature
- Ambient operating temperature with sensor (see selected sensor datasheet)
- 32°F to 122°F (0°C to 50°C) ambient operating temperature with battery

CONSTRUCTION

- Heavy gauge steel body with welded frame construction resists twisting and bowing
- Diffuse frosted polycarbonate lens to control glare
- 6.5 ft. aircraft cables and V-hook included
- 10 ft. 600V-rated cord included

WARRANTY

- 5 Year limited warranty available [online](#). Contact your EiKO sales rep for additional 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

KEY FEATURES

CONTROLS READY

Easily add controls anytime without the need for additional wiring by using the screw-in receptacle.

MULTIPLE MOUNTING OPTIONS

Multiple ways to mount: V-hook & Aircraft cable (6.5') included; other mounting accessories include V-hook & Chain, Pendant Mount, Threaded Rod & Surface Mount. Every model includes a 600V-rated 10' cord.

COMPATIBLE WITH EXTERNAL BATTERY BACKUPS

When there is an interruption in electricity, a battery backup provides light for safety and security.



AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	WATTS*	CCT**	LUMENS	EFFICACY (lm/W)	VOLTAGE	TRADITIONAL WATTAGE EQUIVALENT	DLC ID #
									PREMIUM
	15127	LHS1-PS90-8FCCT-HDIM	90/75/60/50	4000/5000	13,500	150	120-347	4-Lamp 4 Foot T8/T12, up to 250W HID	S-XDCTY9
	15129	LHS1-PS160-8FCCT-HDIM	160/130/110/90	4000/5000	24,000	150	120-347	6 lamp 32W T8 or 4 lamp T5 HO or up to 400W HID	S-6L2391
	15135	LHS1-PS160-8FCCT-VDIM	160/130/110/90	4000/5000	24,000	150	277-480	6 lamp 32W T8 or 4 lamp T5 HO or up to 400W HID	S-9YS7L7
	15131	LHS1-PS200-8FCCT-HDIM	200/180/160/140	4000/5000	30,000	150	120-347	6 lamp T5 HO or up to 600W HID	S-C7K0F0
	15132	LHS1-PS240-8FCCT-HDIM	240/220/200/180	4000/5000	36,000	150	120-347	6 lamp T5 HO or up to 750W HID	S-VGXD62
	15136	LHS1-PS240-8FCCT-VDIM	240/220/200/180	4000/5000	36,000	150	277-480	6 lamp T5 HO or up to 750W HID	S-JWV16G
	15133	LHS1-PS320-8FCCT-HDIM	320/300/280/260	4000/5000	48,000	150	120-347	6 lamp T5 HO or up to 1000W HID	S-JQSNLQ
	15137	LHS1-PS320-8FCCT-VDIM	320/300/280/260	4000/5000	48,000	150	277-480	6 lamp T5 HO or up to 1000W HID	S-5RF4MK
	15134	LHS1-PS440-8FCCT-HDIM	440/400/380/360	4000/5000	66,000	150	120-347	6 lamp T5 HO or up to 1000W HID	S-FB0R38
	15138	LHS1-PS440-8FCCT-VDIM	440/400/380/360	4000/5000	66,000	150	277-480	6 lamp T5 HO or up to 1000W HID	S-QX9GDJ

*All power-selectable fixtures ship at the highest wattage setting

** All CCT-selectable fixtures ship at 5000K

FACTORY INSTALLED OPTIONS			
CUSTOM CORD LENGTH	CORD END	ADDITIONAL SURGE PROTECTION	BATTERY BACKUP
[Blank] : Default, 600V 18/3 white cord W3xx : 600V 18/6 white cord with dimming wires and a 24/7 hot wire for battery backup (Cord end option is not available)	[Blank] : Default, no cord end N01 : 125V 15A straight plug N02 : 250V 15A straight plug N04 : 125V 15A locking plug N05 : 250V 15A locking plug N06 : 277V 15A locking plug N07 : 125V 20A straight plug N08 : 250V 20A straight plug N11 : 250V 20A locking plug N12 : 277V 20A locking plug N13 : 347V 20A locking plug N14 : 480V 20A locking plug	[Blank] : Default, 6kV surge protection SP1 : 10kV surge protection SP2 : 20kV surge protection	[Blank] : Default, no Backup battery EB18* : 18W External Backup battery, 100-347V EB40* : 40W External Backup battery, 100-347V EB40* : 40W External Backup battery, 277-480V *backup battery voltage will match fixture voltage

MODEL CONFIGURATOR								FACTORY INSTALLED OPTIONS							
MODEL	-	WATTS	-	CCT	-	VOLTAGE	DIMMABLE	-	CORD LENGTH	-	CORD END	-	SURGE PROTECTION	-	BATTERY BACKUP
LHS1	-		-	8FCCT	-		DIM	-		-		-		-	

EXAMPLE PART NUMBER: LHS1-PS160-8FCCT-HDIM-W310-SP2-EB40

REFER TO FOLLOWING SECTIONS FOR DETAILS ON FACTORY INSTALLED OPTIONS & AVAILABLE FIELD INSTALLED OPTIONS

ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGES
	13815	LH1-VCK	LHS1 V-Hook & Chain Kit.	
	13816	LH1-PMK*	LHS1 Pendant Mount Kit.	
	13817	LH1-TRSMK	LHS1 Threaded Rod & Surface Mount Kit.	
	15362	LHS1-WG-S	LHS1 Linear High Bay Wire Guard for 90W	
	15363	LHS1-WG-M	LHS1 Linear High Bay Wire Guard for 160-200W	
	15364	LHS1-WG-L	LHS1 Linear High Bay Wire Guard for 240-320W	
	15365	LHS1-WG-XL	LHS1 Linear High Bay Wire Guard for 440W	

*Pendant mount kit is not compatible with battery backups when used with 90W, 160W, and 200W fixtures.

BATTERY BACKUPS

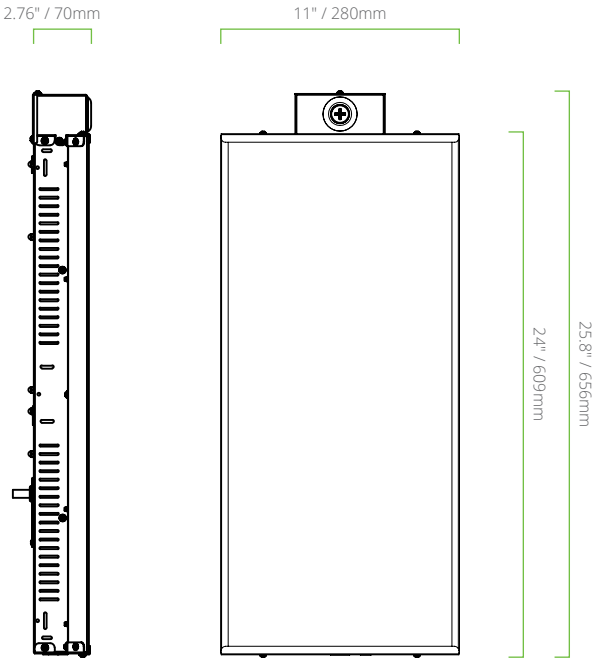
ORDER	ORDER CODE	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
	11675	EEBE18WHA170S*	EiKO Emergency Battery External 18W 100-347V 170VDC Single Flex-Conduit CEC Compliant. Factory or field install. See spec sheet for full details. Note: Suitable ONLY for 100-347V 90W & 130W fixtures. Optional bracket to mount directly to LHS1: LH1-ZBRK	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. Optional bracket to mount directly to LHS1: LH1-ZBRK	EB40
	13571	EEBE40WVA500*	EiKO Emergency Battery External 40W 277-480VAC 310-500VDC 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. Optional bracket to mount directly to LHS1: LH1-ZBRK	EB40
	14383	LH1-ZBRK	LHS1 Z Bracket for Battery Backup Mounting (optional for mounting battery backup to fixture)	---

*** 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.

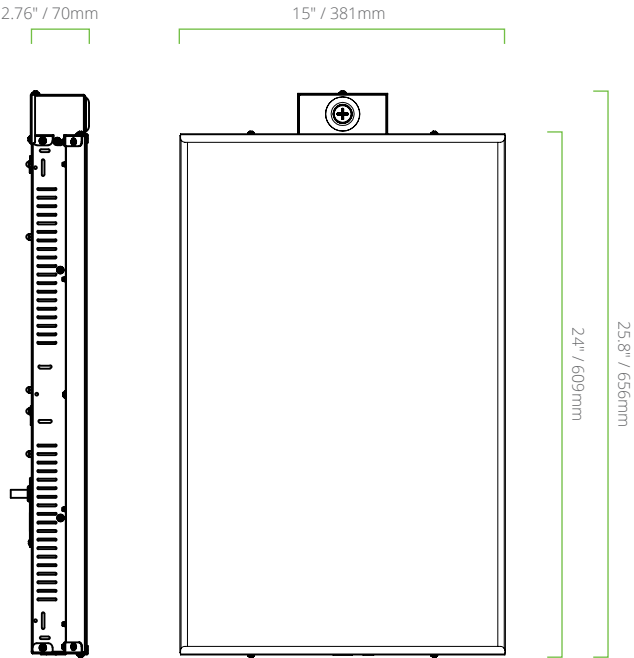
CONTROLS & SENSORS: FIELD OR FACTORY INSTALLED

ORDER	ORDER CODE	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
STANDALONE CONTROLS				
PLUG AND PLAY SENSORS				
	13861	SEN5A-SPPR-WH	Stand-alone PIR Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.	---
	13859	SEN5A-SPMR-WH*	Stand-alone Microwave Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT.	---
* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.				
REMOTES FOR COMMISSIONING PLUG AND PLAY SENSORS				
	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)	---
NETWORKED LIGHTING CONTROLS (NLC)				
PLUG AND PLAY SENSOR				
	13865	SENA-WPPA-WH	BLE PIR Motion sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, 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.	---
GATEWAY AND RANGE EXTERNDER				
	13234	SGW-101	BLE Silvoir Gateway SGW-101 Manufactured by Rigado (model: Cascade-500). 5-year from Silvoir warranty and tech support.	---
	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	---

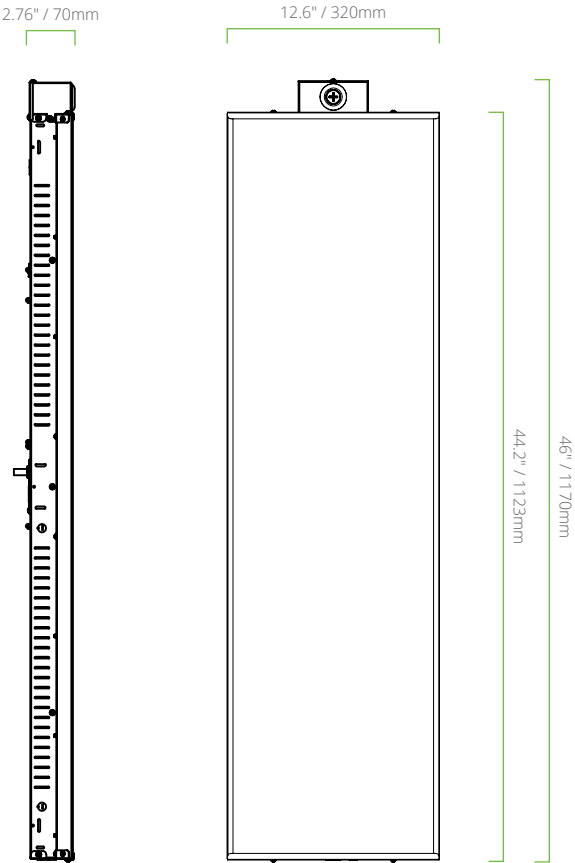
PRODUCT DIMENSIONS



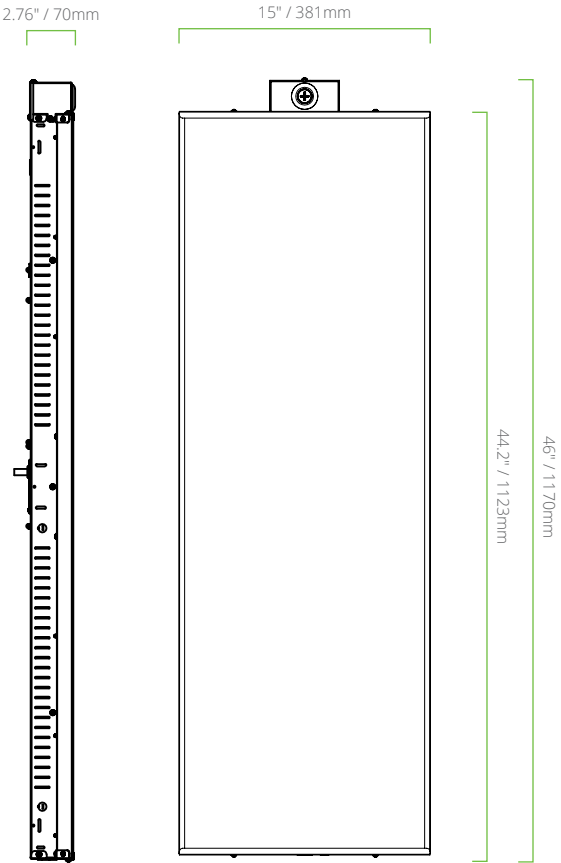
MODELS: LHS1-PS90W
Weight: 8.4 lbs / 3.82 kg



MODELS: LHS1-PS160 - 200W
160W Weight: 9.3 lbs / 4.22 kg
200W Weight: 9.6 lbs / 4.37 kg



MODELS: LHS1-PS240W - 320W
240W Weight: 13.5 lbs / 6.13 kg
300W Weight: 14.6 lbs / 6.62 kg



MODELS: LHS1-PS440W
400W Weight: 16.2 lbs / 7.37 kg