EiKO®

project name		type	
catalog number		voltage	
approved by		date	

LHC1 | Compact Linear High Bay

HIGHLIGHTS

- Easy one person installation with lightweight compact design
- Diecast aluminum style with molded heatsink fins for enhanced performance and heat dissipation
- PowerSet feature allows for multiple lumen stops out of the box
- Controls Ready makes adding controls quick and easy. Includes screw-in receptacle for Standalone sensors or Networked Lighting Controls

CERTIFICATIONS

- UL Certified 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 140 lm/W
- Available in PowerSet models: power-selectable 150/130/110/90W
- Available in single CCT models: 4000K or 5000K
- CRI: >80
- Beam Angle: 90°
- Estimated L70: 100,000 Hours

ELECTRICAL

- Input voltage: 120-277V
- 0-10V dimming, dim-to-off
- 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)

CONSTRUCTION

- White powder coated diecast aluminum construction
- Polycarbonate lens

WARRANTY

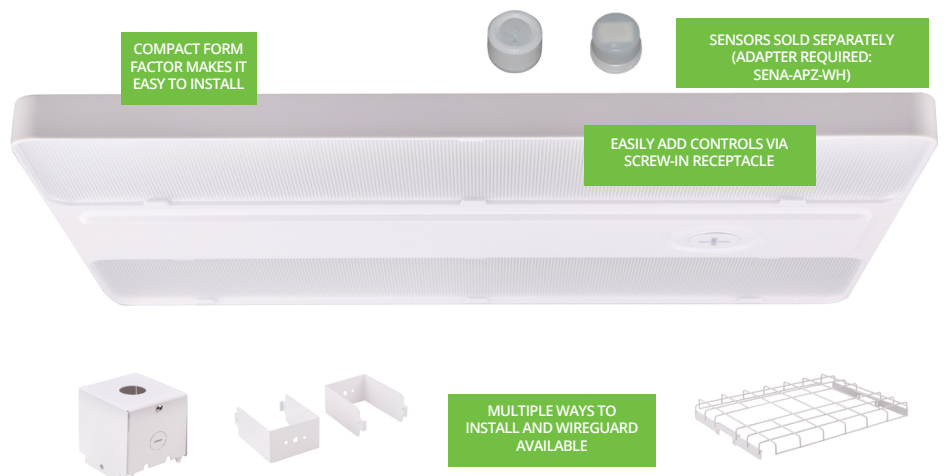- 5 Year limited warranty available online. Contact your EiKO sales rep for additional details.

APPLICATIONS

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

KEY FEATURES

COMPACT DESIGN

Easy one person installation with lightweight compact size, while also reducing packaging waste

CONTROLS READY

Easily add controls anytime without the need for additional wiring. Standalone or networked lighting control.

MULTIPLE WAYS TO INSTALL

Includes V-hook and aircraft cable for suspension installation. Add optional Chain Kit, Pendant Mount or Threaded Rod Surface Mount for greater install flexibility. Wire guard also available

COMPACT FORM FACTOR MAKES IT EASY TO INSTALL

SENSORS SOLD SEPARATELY (ADAPTER REQUIRED: SENA-APZ-WH)

EASILY ADD CONTROLS VIA SCREW-IN RECEPTACLE

MULTIPLE WAYS TO INSTALL AND WIREGUARD AVAILABLE

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AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	WATTS*	CCT	LUMENS	EFFICACY (lm/W)	VOLTAGE	TRADITIONAL WATTAGE EQUIVALENT (@90W)	TRADITIONAL WATTAGE EQUIVALENT (@150W)	DLC ID# PREMIUM
	13141	LHC1-PS150-40-U	150/130/110/90W	4000K	21,000/18,200/ 15,400/12,600 lm	140 lm/W	120-277V	4 lamp 4ft 32W T8 250W HID	6 lamp 4ft 32W T8 4 lamp 4ft 54W T5 400W HID	S-X0G6Y4
	13142	LHC1-PS150-50-U	150/130/110/90W	5000K	21,000/18,200/ 15,400/12,600 lm	140 lm/W	120-277V	4 lamp 4ft 32W T8 250W HID	6 lamp 4ft 32W T8 4 lamp 4ft 54W T5 400W HID	S-LGRMFE

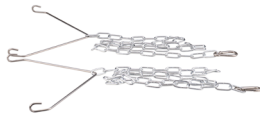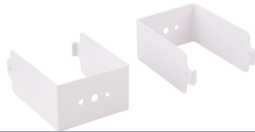*All power-selectable fixtures ship at the highest wattage setting*

FACTORY INSTALLED OPTIONS

CUSTOM CORD LENGTH	CORD END
[Blank] : Default, no cord **W1xx:** 300V 18/3 white cord Custom length required (in feet)	**[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 **N09 :** 277V 20A straight plug **N10 :** 125V 20A locking plug **N11 :** 250V 20A locking plug **N12 :** 277V 20A locking plug

MODEL CONFIGURATOR							FACTORY INSTALLED OPTIONS		
MODEL	-	WATTS	-	CCT	-	VOLTAGE	-	CORD LENGTH	-	CORD END
LHC1	-		-		-		-		-	

EXAMPLE PART NUMBER: PART NUMBER FROM AVAILABLE MODELS FOLLOWED BY -W120-N01

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

ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION	
MOUNTING & PROTECTION ACCESSORIES				
	14232	LHC1-VCK	LHC1 V-Hook & Chain Kit	
	14233	LHC1-PMK	LHC1 Pendant Mount Kit	
	14234	LHC1-TRSMK	LHC1 Threaded Rod & Surface Mount Kit	
	14235	LHC1-WG	LHC1 Wire Guard	

BATTERY BACKUPS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	13574	EEBE40WHA170S*	EiKO Emergency Battery External 40W 100-347VAC 170VDC Linear Single Flex-Conduit CEC Compliant. See spec sheet for full details. Order separately. Field Install Only.

* 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.*

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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 or SEN5A-ACT.
	801282	MSF-DPR-12	Stand-alone PIR Motion Sensor, 12V, screw-in, 0-10V, Ambient Threshold, 20ft, Parameters set by remote RC02.
	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, 40ft, White, Parameters set by SEN5A-ACT **Note:** Screw-in to Z10 adapter required: SENA-APZ-WH.
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. **Note:** Screw-in to Z10 adapter required: SENA-APZ-WH.
	11931	SEN5A/M/Z10	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Ambient Threshold, 40ft, White,Parameters set by SEN5A-ACT. **Note:** Screw-in to Z10 adaptor required: SENA-APZ-WH.

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

ORDER	ORDER CODE	ITEM #	DESCRIPTION
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 Silvair App. **Note:** Screw-in to Z10 adapter required: SENA-APZ-WH.
	12643	PSC-ZKV-WCM-100-BLE-SR	BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvair App. **Note:** Screw-in to Z10 adapter required: SENA-APZ-WH.
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 Silvair 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 Silvair App.
	12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvair App.
ADAPTERS & ACCESSORIES			
	13467	SENA-APZ-WH	Z10 adaptor 1/2" Screw-in spring load pins to Z10 Receptacle IP65 White.
	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

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2" / 48mm

14.2" / 360mm

11" / 280mm

11" / 280mm

2.8" / 71.3mm

Weight: 4.4 lbs / 2.2 kg

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