



## 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

### PERFORMANCE

- High efficacy, up to 140 lm/W
- Available in PowerSet models: (power-selectable 150/130/110/90W)
- Available in 4000K or 5000K CCT
- CRI: >80
- Beam angle: 90°
- Rated lifetime: 50,000 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.

## 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

### 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

project name	type
catalog number	voltage
approved by	date



### APPLICATIONS

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

COMPACT FORM FACTOR MAKES IT EASY TO INSTALL



EASILY ADD CONTROLS VIA SCREW-IN RECEPTACLE

## ORDERING GUIDE

MODEL CONFIGURATOR			
MODEL	WATTS	CCT	VOLTAGE & DIMMING
<b>LHC1</b> : Linear High Bay Compact	<b>PS150</b> : 150/130/110/90W	<b>40</b> : 4000K, 80 CRI <b>50</b> : 5000K, 80 CRI	<b>U</b> : 120-277V, 0-10V dimming  <b>U option, no cord included</b>

FACTORY INSTALLED OPTIONS			
CUSTOM CORD LENGTH	CORD END	FIXTURE CONTROLLER	MOTION SENSOR
<b>[Blank]</b> : Default, no cord <b>W1xx</b> : 300V 18/3 white cord <b>W2xx</b> : 600V 18/3 white cord Custom length required (in feet)	<b>[Blank]</b> : Default, no cord end <b>N01</b> : 125V 15A straight plug <b>N02</b> : 250V 15A straight plug <b>N04</b> : 125V 15A locking plug <b>N05</b> : 250V 15A locking plug <b>N06</b> : 277V 15A locking plug <b>N07</b> : 125V 20A straight plug <b>N08</b> : 250V 20A straight plug <b>N09</b> : 277V 20A straight plug <b>N10</b> : 125V 20A locking plug <b>N11</b> : 250V 20A locking plug <b>N12</b> : 277V 20A locking plug <b>N13</b> : 347V 20A locking plug <b>N14</b> : 480V 20A locking plug	<b>[Blank]</b> : Default, no fixture controller <b>FC1*</b> : BLE Z10 TruBlu wireless control module, 12-24VDC, brown <b>FC2</b> : BLE TruBlu Wireless Control Module, 120-277V, 1/2" KO  <b>* Requires Z10 adapter SENA-APZ-WH</b>	<b>[Blank]</b> : Default, no motion sensor <b>M01**</b> : PIR Motion, On/Off, 120-347V, 1/2" KO <b>M02**</b> : Screw-in MW motion sensor, 12V <b>M04</b> : MW motion sensor, 120-277V, 1/2" KO <b>M05**</b> : MW motion sensor, 347-480V, 1/2" KO <b>M06*</b> : Z10 MW motion sensor, 12-24V, white <b>M10**</b> : PIR Motion, Dimmable, 120-347V, 1/2" KO <b>M12**</b> : Screw-in PIR motion sensor, 12V <b>M16*</b> : PIR Motion, Dimmable, 12-24V, white <b>M27*</b> : BLE Z10 PIR motion sensor, 12-24V, white  <b>* Requires Z10 adapter SENA-APZ-WH, or stem mount adapter SENA-AZ-WH</b> <b>** Available in Canada only</b>

MODEL CONFIGURATOR				FACTORY INSTALLED OPTIONS									
MODEL	-	WATTS	-	CCT	-	VOLTAGE	-	CORD LENGTH	-	CORD END	-	FIXTURE CONTROLLER	MOTION SENSOR
<b>LHC1</b>	-		-		-		-		-		-		

EXAMPLE PART NUMBER: LHC1-PS150-40-U-W120-N01-M02

## AVAILABLE MODELS

ORDER CODE	ITEM #	WATTS*	CCT	LUMENS	EFFICACY (lm/W)	VOLTAGE	TRADITIONAL WATTAGE EQUIVALENT (@90W)	TRADITIONAL WATTAGE EQUIVALENT (@150W)
13141	LHC1-PS150-40-U	150/130/110/90W	4000K	21000/18200/15400/12600 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
13142	LHC1-PS150-50-U	150/130/110/90W	5000K	21000/18200/15400/12600 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

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

## ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION
<b>MOUNTING &amp; PROTECTION ACCESSORIES</b>			
AVAILABLE LATE Q2	14232	LHC1-VCK	LHC1 V-Hook & Chain Kit
AVAILABLE LATE Q2	14233	LHC1-PMK	LHC1 Pendant Mount Kit
AVAILABLE LATE Q2	14234	LHC1-TRSMK	LHC1 Threaded Rod & Surface Mount Kit
AVAILABLE LATE Q2	14235	LHC1-WG	LHC1 Wire Guard

## CONTROLS & SENSORS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
<b>STANDALONE CONTROLS</b>				
<b>PIR SENSORS</b>				
	801282	MSF-DPR-12	Sensor parameters set by required remote (RC02). Dimming control. Detection up to 20 ft mounting height, 360° pattern. IP65 rated. 12V input. Daylight settings available. Order separately or factory install.	M12
	800654	MS2-OPD-3	Sensor parameters set by dip switch, no remote available. On/Off control. Two detection lenses included for 8ft up to 25ft or 20ft up to 40ft mounting heights, 360° pattern. Non-condensing up to 95% RH. 120-347V input. Daylight settings available. Order separately or factory install.	M01
	800655	MS2-DPX-3	Sensor parameters set by dip switch, or optional remote (RC-100). Dimming control. Two detection lenses included for 8ft up to 25ft or 20ft up to 40ft mounting heights, 360° pattern. Non-condensing operation up to 95% RH. 120-347V input. Daylight settings available. Order separately or factory install.	M10
	11947	SEN5A/PIR/Z10	Sensor parameters set by required remote (SEN5A-ACT). Dimming control. Detection up to 40 ft mounting height, 360° patterns. IP65 rated. 12-24V input. Daylight settings available. Z-10 adapter required when used with this fixture. Order separately or factory install.	M16
<b>MICROWAVE SENSORS</b>				
	801281	MSF-DMR-12	Sensor parameters set by required remote (RC02). Dimming control. Detection up to 49 ft mounting height, 360° pattern. IP65 rated. 12V input. Daylight settings available. Pendant/threaded rod mounted fixtures only (not suitable for chain/cable mounted fixtures). Order separately or factory install.	M02
	12150	SEN/M/S1C/KO	Sensor parameters set by remote (SEN5A-ACT). Dimming control. Detection from 15ft up to 48ft mounting height, 360° pattern. IP65 rated. 120-277V input. Daylight settings available. Pendant/threaded rod mounted fixtures only (not suitable for chain/cable mounted fixtures). Order separately or factory install.	M04
	313896	MS1-DHR-KO-4	Sensor parameters set by remote (RC01). Dimming control. Detection from 15ft up to 48ft mounting height, 360° pattern. IP65 rated. 347V-480V input. Daylight settings available. Pendant/threaded rod mounted fixtures only (not suitable for chain/cable mounted fixtures). Order separately or factory install.	M05
	11931	SEN5A/M/Z10	Sensor parameters set by required remote (SEN5A-ACT). Dimming control. Detection up to 40 ft mounting height, 360° patterns. IP65 rated. 12-24V input. Daylight settings available. Pendant/threaded rod mounted fixtures only (not suitable for chain/cable mounted fixtures). Z-10 adapter required when used with this fixture. Order separately or factory install.	M06
<b>REMOTES</b>				
	313897	RC01	Remote control for programming motion sensors. One remote can control an entire facility. Store settings in remote, and apply them to each fixture with one button. Manual dimming from 100-10%. Daylight settings can be disabled. [Compatible with: MS1-DHR-KO-4]	
	800891	RC02	Remote control for programming motion sensors. One remote can control an entire facility. Store settings in remote, and apply them to each fixture with one button. Manual dimming from 100-10%. Daylight settings can be disabled. [Compatible with: MSF-DPR-12, MSF-DMR-12]	
	10917	SEN-S1-RC3	Remote control for programming motion sensors. One remote can control an entire facility. Store settings in remote, and apply them to each fixture with one button. On/Off mode allows fixture to be set at dim levels from 10-100% [Compatible with: SEN/M/S1C/KO]	
	13344	SEN5A-ACT	Remote control for programming motion sensors. One remote can control an entire facility. Store settings in remote, and apply them to each fixture with one button. On/Off mode allows fixture to be set at dim levels from 10-100% [Compatible with: SEN5A/PIR/Z10 {M16}, MS2-DPX-3{M10}, SEN5A/M/Z10 {M06}]	
<b>NETWORKED LIGHTING CONTROLS (NLC)</b>				
<b>PIR SENSORS</b>				
	13246	SENA-WZPA-WH	BLE sensor parameters set by app. Dimming control. Detection from 20ft up to 40ft mounting height, 360° pattern. IP65 rated cover. 12-24V input. Daylight harvesting available. Z-10 adapter required when used with this fixture. Order separately or factory install.	M27
<b>FIXTURE CONTROLLERS</b>				
	12643	PSC-ZKV-WCM-100-BLE-SR	BLE Z10 TruBlu wireless control module, 12-24VDC, brown. Z-10 adapter required when used with this fixture. Order separately or factory install.	FC1
	12634	PSC-WCM-450-BLE-SR	BLE TruBlu mesh fixture controller, parameters set by app. Dimming control. Dry rated. 120-277V input, 12V aux 300mA output. No daylight feature or motion detection. Z-10 adapter required when used with this fixture. Order separately or factory install.	FC2

## NETWORKED LIGHTING CONTROLS (NLC)

### WALL OR WIRELESS CONTROLLERS

12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic control. Single rocker pad. Color: White. Order separately, wall plate included. [Compatible with: PSC-ZKV-WCM-100-BLE-SR {FC1}, SENA-WZPA-WH {M27} & PSC-WCM-450-BLE-SR {FC2}]
12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic control. Double rocker pad. Color: White. Order separately, wall plate included. [Compatible with: PSC-ZKV-WCM-100-BLE-SR {FC1}, SENA-WZPA-WH {M27} & PSC-WCM-450-BLE-SR {FC2}]
12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu Single Button Bluetooth Mesh Wall Controller 120-277V White Order separately. [Compatible with: PSC-ZKV-WCM-100-BLE-SR {FC1}, SENA-WZPA-WH {M27} & PSC-WCM-450-BLE-SR {FC2}]
12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu Wireless Occupancy or Vacancy Sensor Dimming Wall Controller 120-277V White Order separately. [Compatible with: PSC-ZKV-WCM-100-BLE-SR {FC1}, SENA-WZPA-WH {M27} & PSC-WCM-450-BLE-SR {FC2}]
12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 4-Button Wireless Bluetooth Mesh Wall Controller 120-277V White Order separately. [Compatible with: PSC-ZKV-WCM-100-BLE-SR {FC1}, SENA-WZPA-WH {M27} & PSC-WCM-450-BLE-SR {FC2}]

### ADAPTERS & ACCESSORIES

13467	SENA-APZ-WH	Z10 adaptor 1/2" Screw-in spring load pins to Z10 Receptacle IP65 White
13343	SENA-AZ-WH	Z10 White Stem Swivel Mount bracket 12-24VDC

## BATTERY BACKUPS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	11675	EEBE18WHA170S	Field mounted emergency battery backup with IP65 test switch indicator included. Minimum 90 minutes discharge. No remote control available. Dimming control. 120-347V Input. IP20 rated. Order separately or factory install.

## PRODUCT DIMENSIONS

