



Project Name:

Part Number:

Fixture Type

Notes:

LHB1 LED Selectable Linear High Bay Light

APPLICATIONS

The LHB1 series is a basic, low-budget warehouse and high-bay lighting fixture. The linear, compact design allows the LHB1 to maintain a stylish and aesthetically pleasing appearance while maintaining durability and saving up to 66% in energy costs compared to conventional light sources. Higher efficiency, Maximum lighting flexibility, and lower costs with high-quality light output and efficiency make this series easy to install and ideal for energy-efficient, low-maintenance lighting in large spaces such as gymnasiums, warehouses, or retail and industrial locations.

Light engines are available in color selectable version, the CCT can be changed to two CCTs (4000K, 5000K). Scalable Lumen Packages from 8,200 to 61,000 Lumens. Prismatic translucent lens is designed to shape the light uniformity and control the glare light.

UL Listing
Suitable for Damp locations

DIMMABLE
0-10V dim to 10%



OREDERING INFORMATION



EXAMPLE: LHB1 130 LCS UNV						
Series	Wattage Selectable	CCT Selectable	Finish	Voltage	Lens	Mounting
LHB1	52W - 8200 lm 78W - 12100 lm 104W - 15200 lm 130W - 18500 lm	LCS 4000K 5000K	BLANK White	UNV 120-277V 480 347-480V	BLANK Prismatic Diffuser	BLANK Steel wire rope mount SMK Surface mounting kits CPM Conduit pendant mounting kits
	82W - 14000 lm 123W - 19500 lm 164W - 25000 lm 205W - 30500 lm					
	120W - 20000 lm 180W - 28000 lm 240W - 36000 lm 300W - 42000 lm					
	164W - 28000 lm 246W - 38400 lm 328W - 50000 lm 410W - 61000 lm					

OPTIONS

Individual Control	Emergency Backup
BLANK = No Motion Sensor MPS = PIR Microwave Motion Sensor (Max. 40ft mounting height) MPSB = SILVAIR Bluetooth PIR Motion Sensor (Max. 40ft mounting height)	EB8 = 8W Emergency Battery for LHB1 130W 120-277V EB16 = 16W Emergency Battery for LHB1 205W 120-277V EB25 = 25W Emergency Battery for LHB1 300W / 400W 120-277V EB30-480 = 30W Emergency Battery for LHB1 130W/205W/300W 480V



The LHB1 includes a sensor port that makes it easy to screw on standard PIR and microwave sensors, which can be configured to adjust brightness and hold time, saving additional energy costs.



Plug-and-play PIR / Microwave sensor 12 - 24VDC



SPECIFICATIONS

CONSTRUCTION

The rugged, one-piece die-cast aluminum housing features a rock-solid quality and performance.

ELECTRICAL

Universal 120-277V or 347-480V input voltage
0-10V dimming standard for a dimming range of 100% to 10%. 6KV surge protection

OPTICS

Prismatic translucent lens is designed to shape the light uniformity and controls the glare light.

LUMEN SELECTABLE

Scalable Lumen Packages from 8,200 to 61,000 Lumens

CCT SELECTABLE

Light engines are available in color selectable version, the CCT can be changed to 40K and 50K

EFFICACY

Up to 171 lumens per watt

LIFESPAN

Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

AMBINET TEMPERATURE

Suitable for use in -40°F to 122°F (-40°C to 50°C)

MOUNTING

Steel wire rope mount (default)
Surface mount
Conduit pendant mount

FINISH

White coat finish

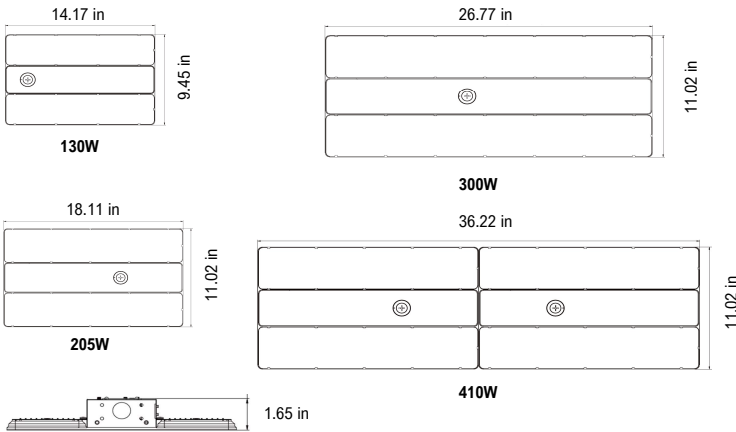
CONTROLS

Optional PIR Sensor or Bluetooth Smart Control
Sensor available for further energy-saving

WARRANTY

5 year limited warranty. Comprehensive warranty terms can be located on www.orelighting.com

DIMENSIONS



Product	L	W	H	Weight
LHB1 130W	14.17	9.45	1.65	3.3 lbs
LHB1 205W	18.11	11.02	1.65	4.4 lbs
LHB1 300W	26.77	11.02	1.65	6.8 lbs
LHB1 410W	36.22	11.02	1.65	9.3 lbs

Superior Performance

LPW: up to 171 lm/w
Lumens: up to 60600 lm

Construction


Die-cast aluminum housing features a rock-solid quality and performance



PERFORMANCE DATA

PART NUMBER	WATTAGE	EFFICACY	4000K	5000K
			LUMENS	
LHB1 130	52W / 78W / 104W / 130W	155 lm/W	8200 lm / 12100 lm / 15200 lm / 18500 lm	
LHB1 205	82W / 123W / 164W / 205W	163 lm/W	14000 lm / 19500 lm / 25000 lm / 30500 lm	
LHB1 300	120W / 180W / 240W / 300W	167 lm/W	20000 lm / 28000 lm / 36000 lm / 42000 lm	
LHB1 410	164W / 246W / 328W / 410W	171 lm/W	28000 lm / 38400 lm / 50000 lm / 60600 lm	

OPTIONS (SOLD SEPARATELY)




EMERGENCY BACK UP BATTERY

YH28A-08WL-180
8W Emergency Battery for LHB1 130W 120-277V

YH36A-16WL-300
16W Emergency Battery for LHB1 205W 120-277V


YH36A-25WL-300
25W Emergency Battery for LHB1 300W / 400W 120-277V

BLD-GM30H-150
30W Emergency Battery for LHB1 130W, 205W 300W, 277-480V




ANT-12


PIR / Microwave Motion Sensor
Rated Voltage: 120-277V
Detection radius/angle: Max 26ft/360°
Mounting height: Max 40ft




ANT-12P-BLE *

Bluetooth + PIR Motion Sensor
Rated Voltage: 120-277V
Detection radius/angle: Max 26ft/360°
Mounting height: Max 40ft

 **Bluetooth**



SMK
Surface Mounting Kits



CPM
Conduit pendant mounting Kits

MOUNTING

STEEL WIRE ROPE



SURFACE MOUNTING



CONDUIT PENDANT MOUNT

