



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%



### ORDERING INFORMATION

EXAMPLE: **LHB1 130 LCS UNV**

Series	Wattage Selectable	CCT Selectable	Finish	Voltage	Lens	Mounting
LHB1	52W - 8200 lm	LCS 4000K 5000K	BLANK White	UNV 120-277V	BLANK Prismatic Diffuser	BLANK Steel wire rope mount SMK Surface mounting kits CPM Conduit pendant mounting kits
	78W - 12100 lm					
	104W - 15200 lm					
	130W - 18500 lm	480 347-480V				
	82W - 14000 lm					
	123W - 19500 lm					
	164W - 25000 lm					
	205W - 24100 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
<b>BLANK</b> = No Motion Sensor <b>MPS</b> = PIR Microwave Motion Sensor (Max. 40ft mounting height) <b>MPSB</b> = SILVAIR Bluetooth PIR Motion Sensor (Max. 40ft mounting height)	<b>EB8</b> = 8W Emergency Battery for LHB1 130W 120-277V <b>EB16</b> = 16W Emergency Battery for LHB1 205W 120-277V <b>EB25</b> = 25W Emergency Battery for LHB1 300W / 400W 120-277V <b>EB30-480</b> = 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

Houston, Texas | Sales@orelighting.com | 346-874-7955 | www.orelighting.com

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## 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 uniformly 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

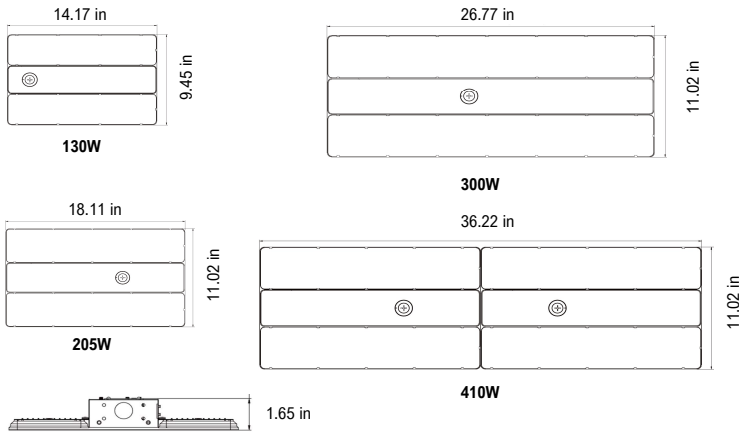
### CONTROLS

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](http://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



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## PERFORMANCE DATA

PART NUMBER	WATTAGE	EFFICACY	LUMENS	
			4000K	5000K
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



**SMK**  
Surface Mounting Kits



**CPM**  
Conduit pendant mounting Kits

## MOUNTING

### STEEL WIRE ROPE



### SURFACE MOUNTING



### CONDUIT PENDANT MOUNT



**ORE** | INTERIOR