



## LED LINEAR HIGH BAY



### PRODUCT DESCRIPTION

The Linear High Bay comes in 4ft. Lumen ranges from 15600 to 26000lm. It is an ideal replacement for induction lamp, metal halide or HID lamp. Heavy gauge steel body with welded frame construction resists twisting and bowing. For use in light Industrial applications such as workshop, warehouse, indoor stadium.

### FEATURE

- Top 5 led chip and driver
- Motion sensor and EBU available
- Wire guard, 120V and 277V plug and cord available

### ELECTRICAL SYSTEM

- Input Voltage: 120-277V, 347/480V
- 50/60Hz
- Class 1 drivers
- Minimum Ambient -20°C, Maximum Ambient is 40°C
- Power Factor: > 0.99
- Total Harmonic Distortion: < 20% at full load
- Integral 4KV surge suppression protection standard

### SPECIFICATION

#### 120W, 150W

Length: 47.24"

Width: 13.78"

Height: 2"

Max. Weight: 15.21 lbs

#### 185W, 200W

Length: 47.24"

Width: 19.7"

Height: 2"

Max. Weight: 20.01 lbs

### PERFORMANCE

#### CRI

80

#### CCT

4000K, 5000K

#### Dimming

0-10V Dimming Standard

#### Projected Lifetime

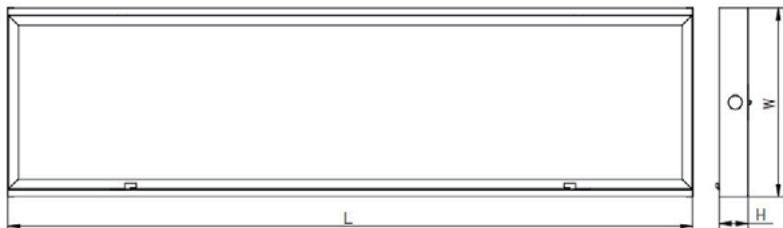
L70 - 100,000 Hours

#### Working Temperature

-4-104°F (-20-40°C)

#### Certifications

- cETLus conforms to UL Std. 1598  
Cert. to CSA Std. C22.2 No.250.0
- Damp location
- RoHS compliant



## Ordering Information

Example: LHB120501-82

Linear High bay	Watts	CCT	Voltage	Controls	Beam Angle	Lens
<b>LHB</b>	<b>120</b> - 120 Watts	<b>40</b> -4000K	<b>1</b> -120V-277V	<b>Blank</b> - None	<b>82</b> - 82°	<b>Blank</b> - Without lens
	<b>150</b> - 150 Watts	<b>50</b> -5300K	<b>6</b> -347/480V	<b>EBU</b> - Emergency Battery Backup <sup>1</sup>		<b>Ordered and Shipped Separately</b>
	<b>185</b> - 185 Watts					Clear Lens / Frosted Lens <sup>3</sup>
	<b>200</b> - 200 Watts			<b>Ordered and Shipped Separately</b> Dimming and ON/OFF sensor <sup>2</sup>		

### Notice:

1. Emergency battery backup is available in 10W with 1800lm @ 120-277V and works for a minimum of ninety (90) minutes. For ambient temperatures of 32°F-104°F(0°C-40°C). The emergency test button is pre-installed on fixture. 347/480V is not available for emergency battery backup. The EBU is Title 20 compliant.
2. Sensor need to be bought separately and field installed. Please check the accessory table for more details.
3. Lens need to be bought separately and field installed. Please check the accessory table for more details.

\* White finish is standard. Custom color is available for a premium setup fee. Consult customer service for additional information.

## Accessories



### 90019

#### LHB-CLEAR-S

Clear Lens including frame for Linear High Bay, suitable for 120W and 150W

### 90072

#### LHB-CLEAR-L

Clear Lens including frame for Linear High Bay, suitable for 185W and 200W



### 90097

LHB 120V Plug and Cord  
120V molded plug and cord for LHB with pipe clamp for strain relief



### 90115

#### LHB-FROSTED-S

Frosted Lens including frame for Linear High Bay, suitable for 120W and 150W

### 90116

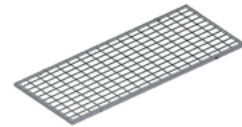
#### LHB-FROSTED-L

Frosted Lens including frame for Linear High Bay, suitable for 185W and 200W



### 90098

LHB 277V Plug and Cord  
277V molded plug and cord for LHB with pipe clamp for strain relief



### 90021

#### LHB-WG-S

Wire Guard for Linear High Bay, suitable for 120W and 150W

### 90006

#### LHB-WG-L

Wire Guard for Linear High Bay, suitable for 185W and 200W



**90226**  
**HB350W 120/277 VAC**  
 Legrand ON/OFF Motion Sensor, 120/277 VAC

Remote Control: FSIR-100 (order separately)

**90227**  
**HB340W 347/480 VAC**  
 Legrand ON/OFF Motion Sensor, 347/480 VAC

Remote Control: FSIR-100 (order separately)

#### Factory Default Setting

Detection area: 100%, Cut off delay: 15min

Notice: Max coverage 100' diameter from 40' height



**90144**  
**FSP-211B-S-L7-W**  
 Legrand Dimming Motion Sensor, 120/277 VAC  
 Remote Control: FSIR-100 (order separately)

**90357**  
**FSP-221B-S-L7-W**  
 Legrand Dimming Motion Sensor, 100-347VAC or 208/230/480VAC  
 Remote Control: FSIR-100 (order separately)

#### Factory Default Setting

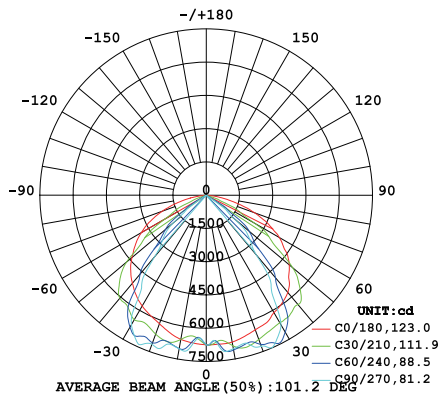
- High mode: 0-10V; **default 10V**
- Low mode: Off, 0-9.8V; **default 5V**
- Time delay: 30 sec., 5-30 min.; **default 5 min.**
- Cut off delay: none, 1-60 min. 1-5 hrs.; **default 10 min.**

Notice: Max coverage 100' diameter from 40' height

Ref#: 20260121

## PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



## PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

#### With Clear Lens

Watts	Lumen Output	AC Input 120V	Measured Watts	CRI	CCT	LPW*
120W	15600	1.00A	120W	80	5000K	130
150W	19500	1.25A	150W	80	5000K	130
185W	24000	1.54A	185W	80	5000K	130
200W	26000	1.67A	185W	80	5000K	130

#### With Frosted Lens

Watts	Lumen Output	AC Input 120V	Measured Watts	CRI	CCT	LPW*
120W	14400	1.00A	120W	80	5000K	120
150W	18000	1.25A	150W	80	5000K	120
185W	22000	1.54A	185W	80	5000K	120
200W	24000	1.67A	185W	80	5000K	120

## Warranty

Five year limited warranty.

Specifications subject to change without notice.