

## LHB Series LED Linear High Bay

### PRODUCT DESCRIPTION

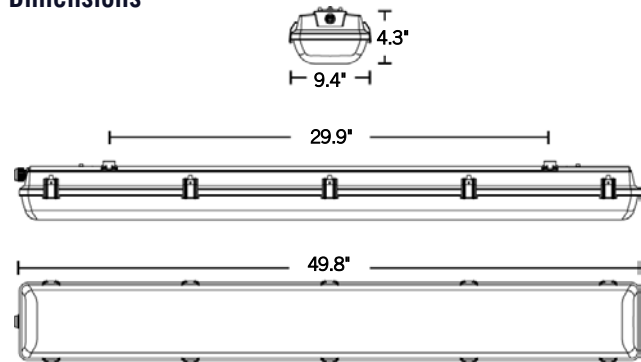
The Luminoso LHB series brings an all new sleek, linear design to the world of LED high bay lighting. This product's low profile design makes it a perfect replacement for T8 and T5 fixtures. Its wide distribution angle is ideal for lighting applications such as gymnasiums, warehouses, garages, manufacturing and service areas. Lastly, the LHB series' exceptional 50,000+ hours of operation and wattage reductions of over 75% from its traditional counterparts makes it a truly revolutionary product.



### PERFORMANCE SUMMARY

|   |
|---|
| Efficacy: 110-122 Lm/W                        |
| Delivered Light Output: 12,113 - 14,950       |
| Input Power: 100 - 130 Watts                  |
| CRI: 80 - 90**                                |
| CCT: 4000K, 5000K                             |
| Input Voltage: 110-277vAC                     |
| Dimming: 0 - 10V                              |
| IP Rating: IP65                               |
| Beam Angle: 120°                              |
| Driver Type: Meanwell (IP67)                  |
| Operating Ambient Temperature: -4° - 104°F    |
| Operating Humidity: 10% - 90%                 |
| Warranty: 5 years                             |
| Material: Polycarbonate                       |
| Product Size: 49.8(L) x 9.4(W) x 4.3(H)       |
| Net Weight: 14.33 lbs.                        |
| Lens Option: Clear or Frosted                 |
| Available Sensors: Light Harvesting or Motion |

### Dimensions



### ORDER INFORMATION

EXAMPLE: LHB-14-130W-50K-J-Y-FR



| Series | Mount            | Wattage              | CCT                    | Optics | Voltage    | Lens                   | Sensor Options                               | Accessories  |
|--------|------------------|----------------------|------------------------|--------|------------|------------------------|--|--|
| LHB    | 14= Direct Mount | 100W<br>120W<br>130W | 40K=4000K<br>50K=5000K | J=120° | Y=120-277V | FR=Frosted<br>CL=Clear | Blank = None<br>HFD = High Frequency Doppler | Blank = None<br>3HK = 3 Meter Hanging Kit<br>5HK = 5 Meter Hanging Kit |

Enter configuration:

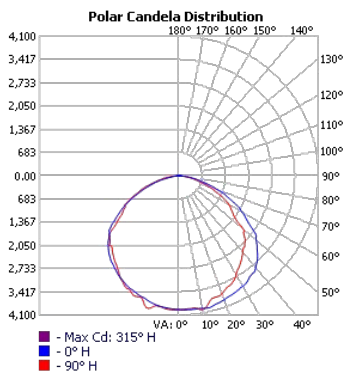
\*\* Special Order / Contact vendor

Series / Performance

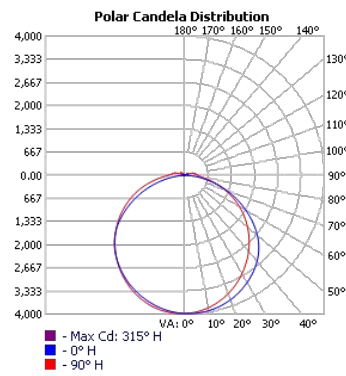
| Series No.    | LHB-100W          | LHB-120W          | LHB-130W          |
|---------------|-------------------|-------------------|-------------------|
| Power         | 100W              | 120W              | 130W              |
| Lumens:       | 12,113            | 13,080            | 14,950            |
| Efficacy      | 122 Lm/W          | 110 Lm/W          | 115 Lm/W          |
| Input current | 0.36 Amps (@277V) | 0.43 Amps (@277V) | 0.54 Amps (@277V) |
| Input         | 120-277V AC       | 120-277V AC       | 120-277V AC       |

Luminous Intensity Distribution

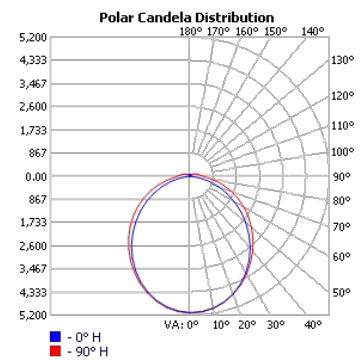
100W



120W

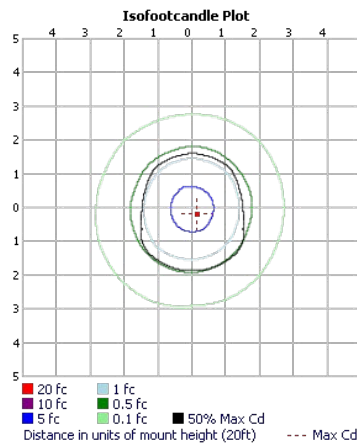


130W

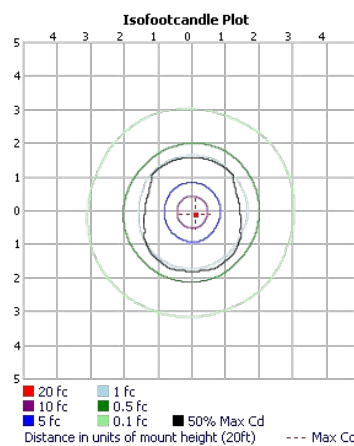


Isofootcandle Distribution

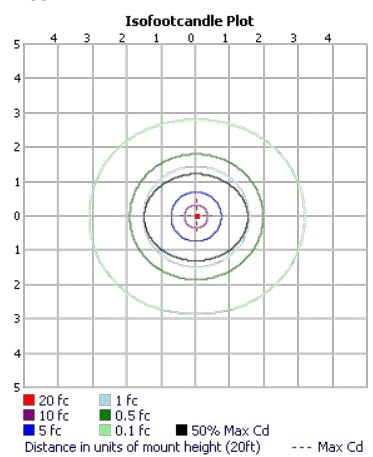
100W



120W



130W





Mounting Bracket for surface mount

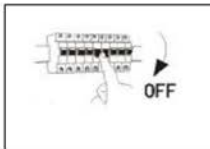


Hinged panel for easy maintenance



Access driver easily accessible

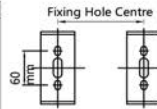
## Manual Instruction



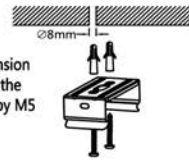
**A** : Turn off the switch.

**B** ① Drill  $\varnothing 8\text{mm}$  holes according to below drawing.

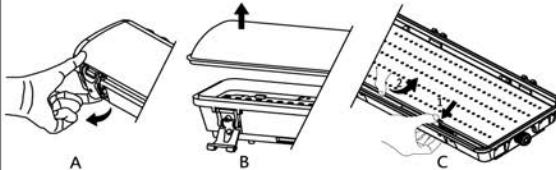
| Model     | Power | Fixing Hole Centre |
|-----------|-------|--------------------|
| HP4X100V1 | 100W  | 760mm              |
| HP4X100V2 | 100W  |                    |
| HP4X120V1 | 120W  |                    |
| HP4X120V2 | 120W  |                    |
| HP4X150V1 | 150W  |                    |
| HP4X150V2 | 150W  |                    |



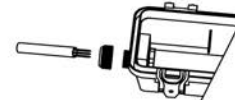
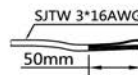
② Insert  $\varnothing 8\text{mm}$  expansion pipe in the wall, fix the mounting bracket by M5 screw.



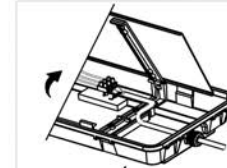
**C** ① Firstly open the clips like picture A  
 ② Secondly take off the diffuser like picture B  
 ③ As picture C : 1.Open the clips  
 2.Raise the radiator



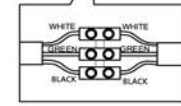
**D** ① Loosen the nut of the cable gland, put the cable through the cable gland.



② Connect the cable on the terminal block as below shown and tighten the cable gland

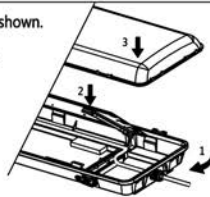


Option 1

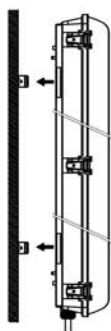


Option 2

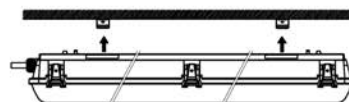
**E** ① Tighten cable gland as below shown.  
 ② Fix gear tray with the housing.  
 ③ Close the diffuser.



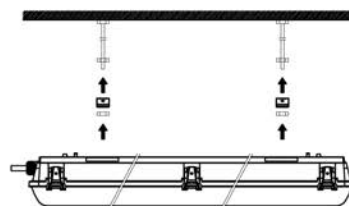
**F** ① Fix the lamp on the wall.



2)Wall mounted



1)Ceiling mounted



3) supply chain suspension

1) "SUITABLE FOR WET LOCATIONS" in form S24L2.  
 2) if wall mounted "SUITABLE FOR MOUNTING WITHIN 1.2(4 ft) OF THE GROUND" in form S24L2.

