180LPW 5EHB HIGHBAY

Date: ---------- Location: ----------

Product: ---------- Project: ----------

Quantity: ---------- Catalog# ----------



Watt tunable&CCT
270W-240W-200W
5700K-5000K-4000K



FEATURES

- 3 Watts 3CCT up to 270W 180LPW 48600LM.
- 5 ft power cable and open hook.
- Built in sensor base, PIR sensor or Bluetooth available.
- Both black or white housing available.
- Both 277V or 480v available.
- ALuminum reflector available
- DLC 6.0 PREMIUM LISTED.

SUITABLE APPLICATIONS

- Warehouses
- Manufacturing Facilities
- Convention Centers
- Sporting Arenas
- Big-Box Retail Stores
- Cold Storage Facilities
- Gymnasiums

CONSTRUCTION:

Heavy-duty die-cast aluminum alloy housing.
Available in black or white finish.

ELECTRICAL:

Available in 100–277V or 277–480V input.
Operating temperature: -36°C to +60°C

OPTICALSYSTEM:

High-lumen Lumileds SMD2835 LED chips. High-transparency PC cover ,120 beam angle

INSTALLATION&MOUNTING:

Hanging mount or U bracket mounting

WARRANTY:

5-year limited warranty. Actual performance may vary depending on the end-user environment and application.

CONTROLS&DIMMING

0–10V dimmable as standard. PIR or Bluetooth sensor available as an option.

PERFORMANCE

Model NO	Power factor	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
LS-5EHB(270/240/200) W-57/50/40K	>0.9	200W	1.6A	0.72A	180LM/W	4000K/5000K/5700K
	>0.9	240W	2.0A	0.86A	180LM/W	4000K/5000K/5700K
	>0.9	270W	2.25A	0. 97A	180LM/W	4000K/5000K/5700K

LIGHTING

OPTIONAL ACCESSORIES



Emergency Battery Backup



Reserved Motion Sensor Receptacle



PC or aluminum reflector cover options



Safety cord

PRODUCT ORDERING GUIDE

LS-5EHB(270/240/200)W-57/50/40K
1 2 3 4

LS - 5EHB 270/240/200W - 57/50/40K

☑ LS LEDSION

☑ 5EHB 5G UFO LED HIGHBAY

☑ 270/240/200W
Watt tunablePower 270W-240W-200W

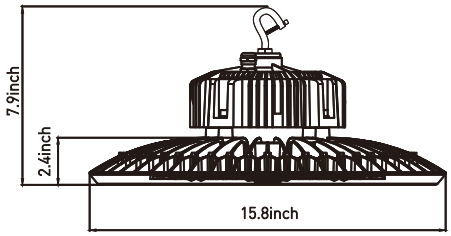
☑ 57/50/40K tunable&CCT

Electric Characteristic

Specification/Model	LS-5EHB(270/240/200)W-57/50/40K		
LED Driver	UL Listed 0-10V Dimmable	UL Listed 0-10V Dimmable	UL Listed 0-10V Dimmable
Input power	200W	240W	270W
Lumens output	36000LM	43200W	48600LM
Efficiency	180LM/W	180LM/W	180LM/W
CRI	>72	>72	>72
Color Temperature	5700K/5000K/4000K	5700K/5000K/4000K	5700K/5000K/4000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	120D	120D	120D
Working temperature	-36+60℃	-36+60℃	-36+60℃
Junction temperature	<75℃	<75℃	<75℃
lampse ciency	⩾90%	⩾90%	⩾90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	400-600W MH/HPS	480-720W MH/HPS	540-850WMH/HPS

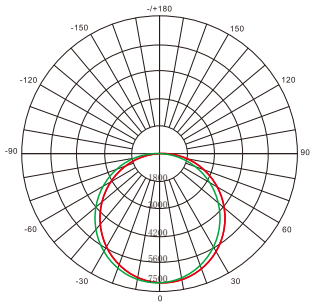
DIMENSION

LS-5EHB(270/240/200)W-57/50/40K



DISTRIBUTION DIAGRAM

LS-5EHB(270/240/200)W-57/50/40K

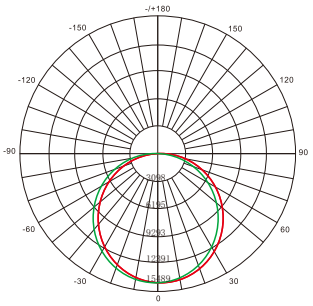


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

Lumens:32000LM
Test Number:200W
Test Number:5000K

C0/180,113.7
C30/210,100.1
C60/240,108.6

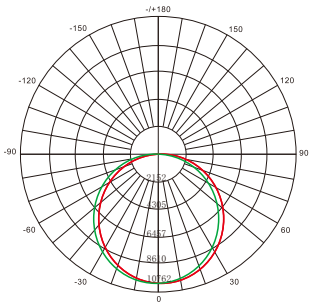


AVERAGE BEAM ANGLE(50%): 108°

UNIT:CD

Lumens:38400LM
Test Number:240W
Test Number:5000K

C0/180,113.7
C30/210,100.1
C60/240,108.6



AVERAGE BEAM ANGLE(50%): 108°

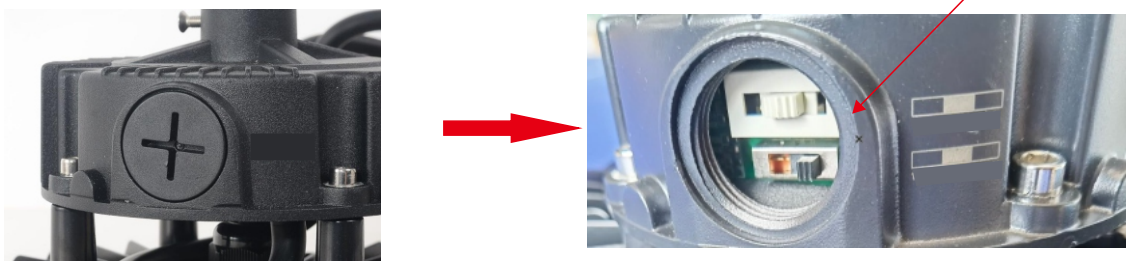
UNIT:CD

Lumens:43200LM
Test Number:270W
Test Number:5000K

C0/180,113.7
C30/210,100.1
C60/240,108.6

LED High Bay Light Installation

Watt tunable&CCT
200W-240W-270W
5700K-5000K-4000K



This product features a **default wattage of 240W and default color temperature of 5000K.**
Other wattage and color temperature options can be adjusted prior to final installation.
Adjustment steps are shown in the figure above:
Open the waterproof cover on the driver box, and adjust the dip switches to select the desired wattage and color temperature.

Cautions:

1.Can not use the electric generator to test the LED lamp.

2.Please abide by related country, regional and local law and regulations wheninstall this fixture.

3.Please turn off the power before installation or maintenance.

4.Proper earth grounding is required to ensure safety.

Notice

1.To avoid possibility of electrical shock or fire, the installation personnel must haveprofessional electric knowledge.

2.Please wear gloves to avoid injury before installation.

3. If any smoke or spark of the wire happened, please turn off the power immediatelyand notify relevant personnel.

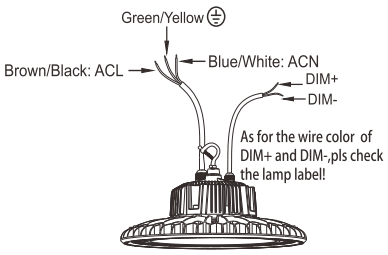
Attention:

1.To avoid possibility of electrical shock or fire, the installation personnel must haveprofessional electric knowledge.

2.Please read the installation instruction carefully to check whether all theaccessoriesarecomplete.Afterconfirmation,theninstallthefixtureaccording toinstallationsteps.

Wiring Diagram & Instruction:

3 dimming functions are available in this high bay light:
1.Constant current can be achieved by 0-10VDC dimming.
2.PWM signal dimming.
3.Variation of resistance unit dimming.
Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.

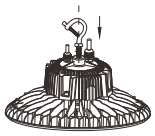


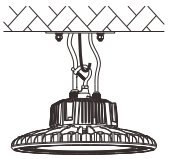
3 Installation Methods: Hook Mount,Ceiling Mount,M10-12MM

(Please choose the most suitable installation method for the purchased produdct as per your needs.)

A.Hook Mount:

1.Please screw the lifting ring into the high bay light fixture, then tighten firmly.(Figure 1)
2.Please hang the fixture into the lifting hook or chain and protect it from falling.(Figure 2)
3.After installation, please wire in accordance with local connection standard, andmake sure there is a good joint protective measures.


Figure 1


Figure 2

B.Ceiling Mount:

1.Use a chalk or sharp tool to mark signs on the top of the ceiling or wall, then drillholes on the signs by electric drill. (Figure 3)
2.Use a hammer to put the expansion screws into the holes.(Figure 4)
3.The holes on the bracket align with the expansion screws (Figure 5), then push thelight to one side (Figure 6),
4.After installation, please wire in accordance with local connection standard,andmake sure there is a good joint protective measures. Users can adjust 50 degree toleft or right in vertical direction by adjusting the screw on the bracket.(Figure 7).

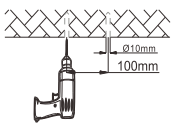
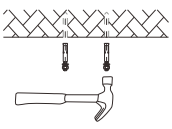


Figure 3


Figure 4

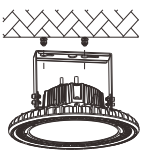

Figure 5


Figure 6

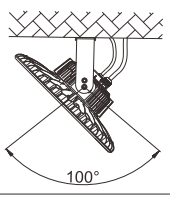


Figure 7

C.1/2"NPT Mount:

1.Unscrew the nut on a 1/2"NPT.(Figure 8)
2.Make the corresponding holes on the bracket through the 1/2 "NPT.(Figure 9)
3.Re-cycle and tighten the nut(Figure 8) that unscrewed from the 1/2 "NPT.(Figure 10)
4.After installation, please wire in accordance with local connection standard, andmake sure there is a good joint protective measures.(Figure 11).Users can adjust50 degrees to left and right in vertical direction by adjusting the screw on the bracket.

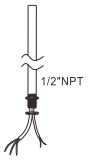
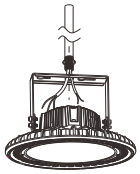
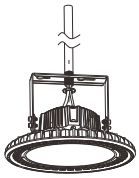
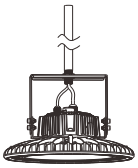


Figure 8


Figure 9


Figure 10


Figure 11