

# V5 UFO HIGHBAY LED LIGHT

Date: ..... Location: .....

Product: ..... Project: .....

Quantity: ..... Catalog# .....



Watt tunable  
80W-100W-120W



## FEATURES

- Super Brightness LED Efficiency
- 5ft cable, Occupancy Sensor Options
- Black or White housing Option, Kelvin options, Voltage options
- Heavy weight Aluminum Alloy
- Corrosion and rust proof
- Easy installation and maintenance

## SUITABLE APPLICATIONS

- Warehouse
- Manufacturing facilities
- Convention Centers
- Sporting arenas
- Big-box retail stores
- Cold storage facilities
- Gymnasiums



### CONSTRUCTION:

Heavy die-cast Aluminum Alloy housing,  
Black or White Housing options

### ELECTRICAL:

Available as 100-277V or 277-480V input. -36+60°C

### OPTICAL SYSTEM:

High Lumen Lumileds SMD 2835 LED Chip. High transparency,  
PC cover, 120 beam angle

### INSTALLATION & MOUNTING:

Suspend Mounting with unique hook

### WARRANTY:

5-year limited warranty. Actual performance may differ as  
a result of end-user environment and application.

### CONTROLS & DIMMING

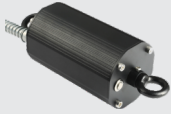
0-10V dimmable as standard. Occupancy sensor options

### PERFORMANCE

Model NO	Power factor	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			120V	277V		
LS-5EHB120W-50K	>0.9	80W	1.25A	0.54A	160LM/W	5000K
	>0.9	100W	1.50A	0.64A	160LM/W	5000K
	>0.9	120W	1.66A	0.72A	160LM/W	5000K

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## OPTIONAL ACCESSORIES



Emergency Battery Backup, Style EMUFO-40170-YY



Dimming Microwave Motion Sensor, Style:MS012HR-A .



PC or Aluminum reflector cover options



Safe Cord

## PRODUCT ORDERING GUIDE

LS-5EHB120W-50K  
1 2 3 4

LS -  5EHB  120W -  50K

LS LEDSION

5EHB 5G UFO LED HIGHBAY

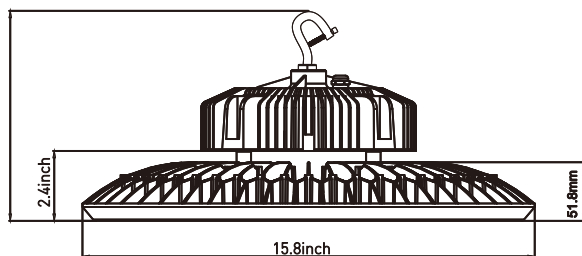
120W Watt tunable Power 80W-100W-120W

50K CCT:5000K

Specification/Model	LS-5EHB120W-50K		
LED Driver	UL Listed 0-10V Dimmable	UL Listed 0-10V Dimmable	UL Listed 0-10V Dimmable
Input power	80W	100W	120W
Lumens output	12800LM	16000W	19200LM
Efficiency	160LM/W	160LM/W	160LM/W
CRI	>72	>72	>72
Color Temperature	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	120D	120D	120D
Working temperature	-36+60°C	-36+60°C	-36+60°C
Junction temperature	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	300-360W MH/HPS	360-560W MH/HPS	560-700W MH/HPS

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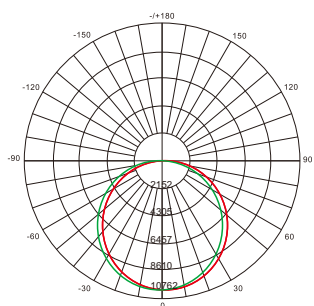
## DIMENSION



LS-5EHB200W-50K 150W-180W-200W

## DISTRIBUTION DIAGRAM

LS-5EHB80W-50K



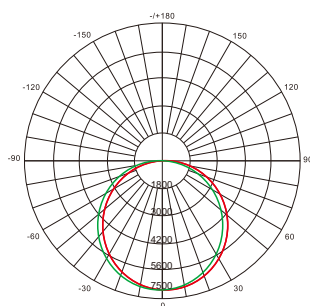
AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD

Lumens:12800LM  
Test Number:80W  
Test Number:5000K

— C0/180,113.7  
— C30/210,100.1  
— C60/240,108.6  
— C90/270,130.9

LS-5EHB100W-50K



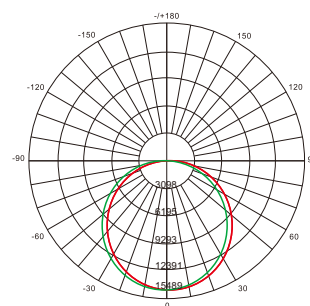
AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD

Lumens:16000LM  
Test Number:100W  
Test Number:5000K

— C0/180,113.7  
— C30/210,100.1  
— C60/240,108.6  
— C90/270,130.9

LS-5EHB120W-50K



AVERAGE BEAM ANGLE[50%]: 108°

UNIT:CD

Lumens:19200LM  
Test Number:120W  
Test Number:5000K

— C0/180,113.7  
— C30/210,100.1  
— C60/240,108.6  
— C90/270,130.9

## LED High Bay Light Installation

### 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 immediatlyand 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 the accessories are complete.After confirmation, then install the fixture according toinstallation steps.

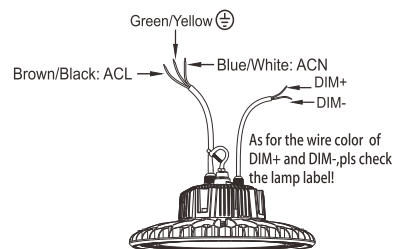
# V5 UFO HIGHBAY LED LIGHT

## Wiring Diagram & Instruction:

3 dimming functions are available in this high bay light:

- 1.Constant current can be achieved by 1-10VDC 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 product 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.

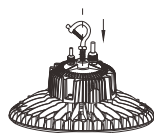


Figure 1

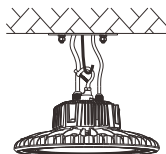


Figure 2

### 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).

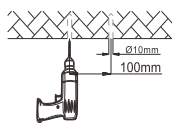


Figure 3

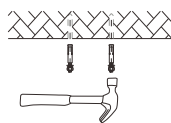


Figure 4

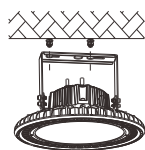


Figure 5



Figure 6

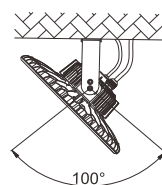


Figure 7

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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, and make sure there is a good joint protective measures. (Figure 11). Users can adjust 50 degrees to left and right in vertical direction by adjusting the screw on the bracket.

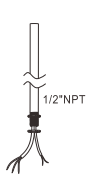


Figure 8

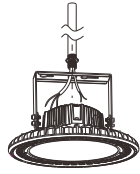


Figure 9

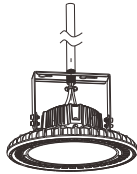


Figure 10

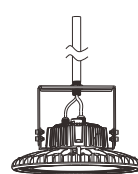


Figure 11