

## V5 UFO HIGHBAY LED LIGHT



### CONSTRUCTION:

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

### OPTICALSYSTEM:

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

### WARRANTY:

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

### PERFORMANCE

Date: \_\_\_\_\_ Location: \_\_\_\_\_

Product: \_\_\_\_\_ Project: \_\_\_\_\_

Quantity: \_\_\_\_\_ Catalog# \_\_\_\_\_

### FEATURES

- Super bright high-efficiency LEDs
- 5 ft power cable
- Available with occupancy sensor
- Choice of black or white housing
- Multiple kelvin and voltage options
- Heavy-duty aluminum alloy construction
- Corrosion & rust resistant
- Simple installation and easy maintenance

### SUITABLE APPLICATIONS

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

### ELECTRICAL:

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

### INSTALLATION&MOUNTING:

Suspended mounting with custom-designed hook.

### CONTROLS&DIMMING

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

| Model NO                            | Power factor | Wattage | Voltage/CurrentInput |       | Light Efficiency | Kelvin Options    |
|-------------------------------------|--------------|---------|----------------------|-------|------------------|-------------------|
|                                     |              |         | 120V                 | 277V  |                  |                   |
| LS-5EHB(170/150/100)<br>W-57/50/40K | > 0.9        | 100W    | 0.83A                | 0.36A | 160LM/W          | 4000K/5000K/5700K |
|                                     | > 0.9        | 150W    | 1.25A                | 0.54A | 160LM/W          | 4000K/5000K/5700K |
|                                     | > 0.9        | 170W    | 1.41A                | 0.61A | 160LM/W          | 4000K/5000K/5700K |

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## OPTIONAL ACCESSORIES



Emergency Battery Backup



Reserved Motion Sensor Receptacle



PC or aluminum reflector cover options



Safety cord

## PRODUCT ORDERING GUIDE

LS-5EHB(170/150/100)W-57/50/40K  
1 2 3 4

LS - 5EHB 170/150/100W 57/50/40K

☒ LS howdylighting

☒ 5EHB 5G UFO LED HIGHBAY

☒ 170/150/100W  
Watt tunablePower 100W-120W-150W

☒ 57/50/40Ktunable&CCT

## Electric Characteristic

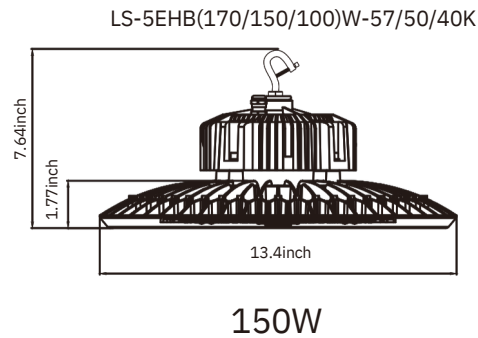
| Specification/Model     | LS-5EHB(170/150/100)W-57/50/40K |                          |                          |
|-------------------------|---------------------------------|--------------------------|--------------------------|
| LED Driver              | UL Listed 0-10V Dimmable        | UL Listed 0-10V Dimmable | UL Listed 0-10V Dimmable |
| Input power             | 100W                            | 150W                     | 170W                     |
| Lumens output           | 16000LM                         | 24000W                   | 27200LM                  |
| Efficiency              | 160 LM W                        | 160LM W                  | 160LM/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 °C                        | 36+60 °C                 | 36+60°C                  |
| Junction temperature    | <75°C                           | <75°C                    | <75°C                    |
| lampse ciency           | ≥ 90%                           | ≥ 90%                    | ≥ 90%                    |
| Certificat              | ETL CETL DLC                    | ETL CETL DLC             | ETL CETL DLC             |
| e                       | 100250W MH/HPS                  | 300450W MH/HPS           | 36,550 0 WMH HPS         |

Equivalen  
t

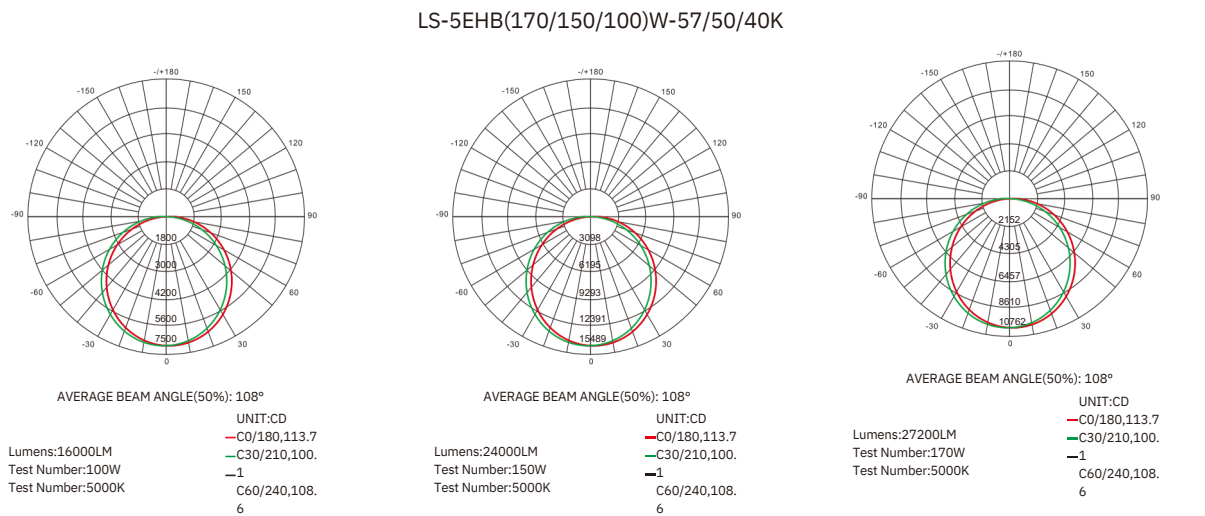
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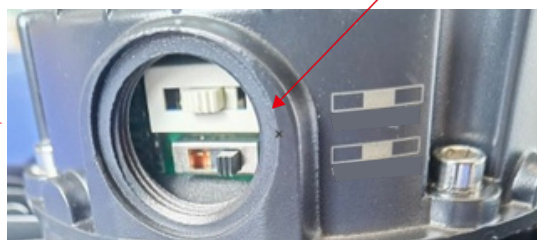
## DIMENSION



## DISTRIBUTION DIAGRAM



## LED High Bay Light Installation



Watt tunable&CCT  
100W-150W-170W  
5700K-5000K-4000K

This product features a default wattage of 150W 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.

# V5 UFO Highbay LED Light



## 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 when install 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 have professional 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 immediately and notify relevant personnel.

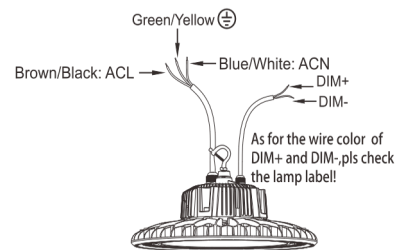
## Attention:

- 1.To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
- 2.Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

### 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 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, and make sure there is a good joint protective measures.

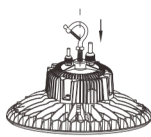


Figure 1

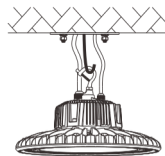


Figure 2

### B. Ceiling Mount:

- 1.Use a chalk or sharp tool to mark signs on the top of the ceiling or wall, then drill holes 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 the light to one side (Figure 6),
- 4.After installation, please wire in accordance with local connection standard, and make sure there is a good joint protective measures. Users can adjust 50 degree to left or right in vertical direction by adjusting the screw on the bracket.(Figure 7).

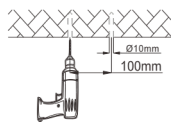


Figure 3

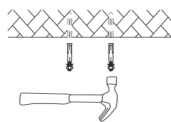


Figure 4

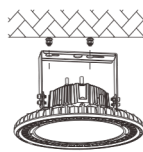


Figure 5

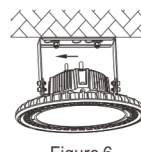


Figure 6

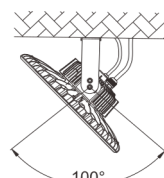


Figure 7

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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.

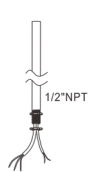


Figure 8

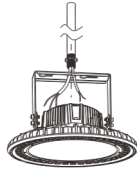


Figure 9

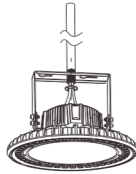


Figure 10

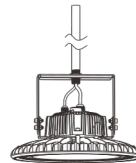


Figure 11