

Installation Instructions

Die-Casting IP Rated Linear High Bay

HBDP Series



WARNING Risk of Fire and Electric Shock.

The luminaire must be installed by a qualified electrician in accordance with applicable federal, state, and local laws and codes. Installation requires knowledge of luminaire electrical systems and installer should be familiar with the operation of this product. If not qualified, do not attempt installation; contact a qualified electrician. Manufacturer assumes no responsibility for the improper installation of this luminaire. When installing the fixture, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling. Turn OFF power before installation or attempting any maintenance.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. When installing this kit, drilling may damage luminaire wiring and electrical parts. Check for wiring and components in enclosure before drilling.



WARNING Risk of Burn.

Disconnect power and allow fixture to cool before handling or servicing.



WARNING Risk of Personal Injury.

Wear gloves or proper handling protection to prevent cuts or abrasions when handling and maintaining this product. This equipment may have sharp edges. To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warning and instructions included with and on the fixture box and all fixture labels.

Avoid direct eye exposure to the light source while it is on.

NOTICE

- Green ground screw provided in proper location. Do not relocate.
- Minimum 90°C supply conductors.
- Suitable for wet location.
- Specifications and dimensions subject to change without notice.



Contact manufacturer with any questions or concerns regarding installation of this luminaire.

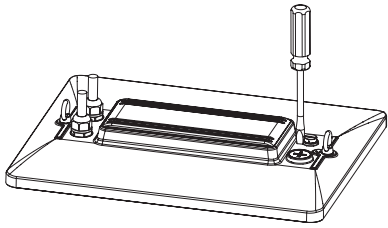
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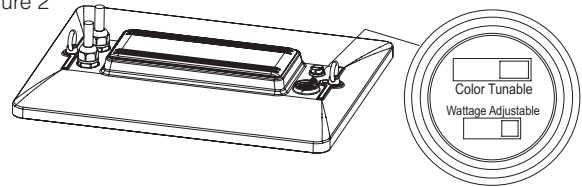
CCT and Wattage Adjustment

Figure 1



Step1. Remove the 3/4 plug on the back of the luminaire via a screw-driver. (Figure 1)

Figure 2



Step2. Slide CCT and Wattage switches to desired setting, and reinstall the plug and tighten it fully. (Figure 2)

Suspension Mount Installation:

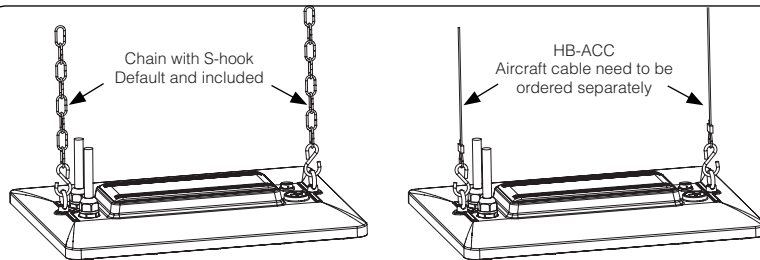


Figure 3

Step1. Attach the S hook of the chain or aircraft cable to the ring of the luminaire. (Figure 3)

Step2. Attach the other end of the chain or aircraft cable to the ceiling hook or cross bar.

Step3. After fixed, choose a suitable waterproof junction box and make connections according to local standards and codes.

Surface Mount Installation:

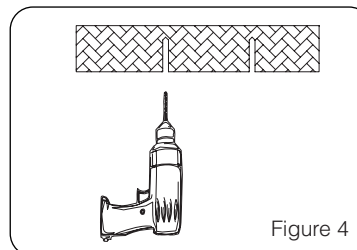
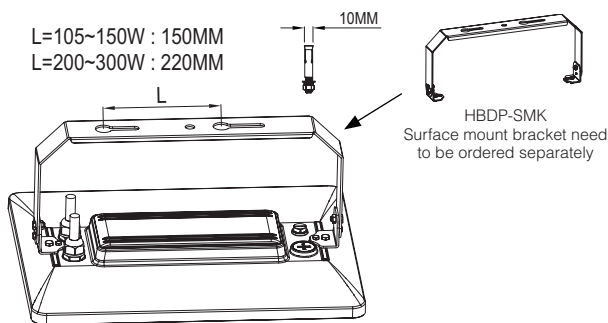


Figure 4

Step1. Use a chalk or other sharp tool to make punch markings on the ceiling or walls, and drill holes in the marking points accordingly. (Figure 4)

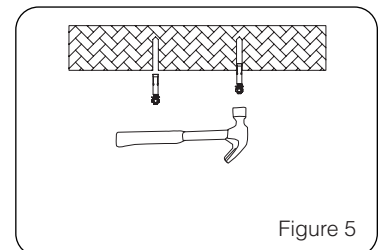


Figure 5

Step2. Drive the expansion screws into the holes through a hammer. (Figure 5)

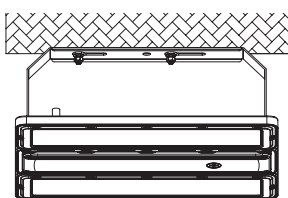


Figure 6

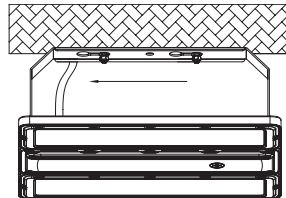


Figure 7

Step3. Align the holes in the luminaire's mounting bracket with the expansion screws (Figure 6), push the product to one side (Figure 7), and then tighten the nuts on the expansion screws with a wrench.

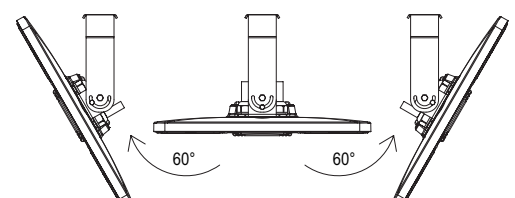


Figure 8

Step4. After fixed, choose a suitable waterproof junction box and make connections according to local standards and codes. After installation is finished, the luminaire can be adjusted to maximum 60 degrees left or right on demand. (Figure 8)

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Extra Accessory Option Installation:

1:Wire Guard

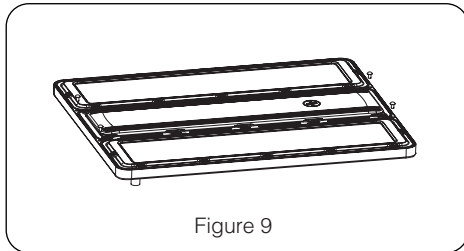


Figure 9

Step1. Remove the screw hole plugs on the luminaire.(Figure 9)

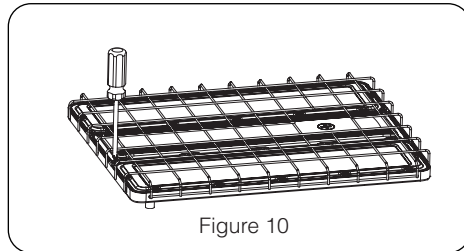


Figure 10

Step2. Place the wire guard on the luminaire and fix it with screws (Figure 10)

2. DC Motion Sensor /PIR Sensor: (Both sensor are with same installation)

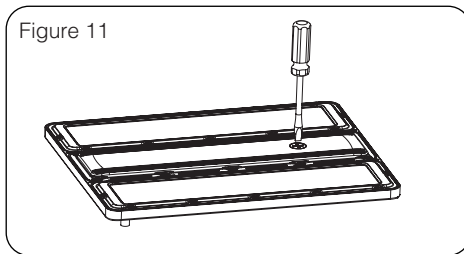


Figure 11

Step1. Remove the 1/2 plug on the front of the luminaire via a screwdriver. (Figure 11)

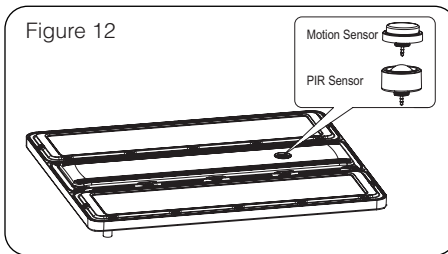


Figure 12

Step2. Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand. (Figure 12)

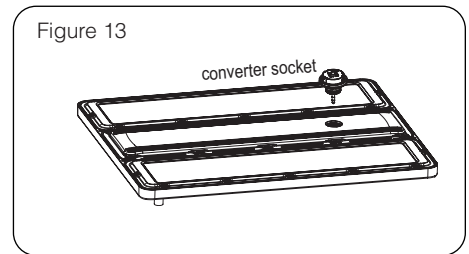


Figure 13

Step3. Different sensor adapters can be added to meet the need for compatibility with more sensors. (Figure 13)

3.Backup driver

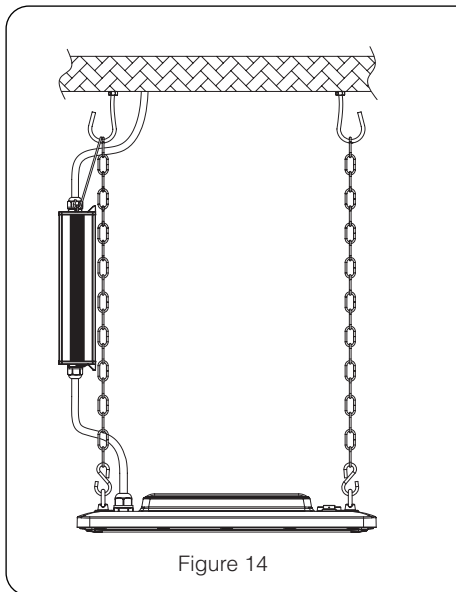


Figure 14

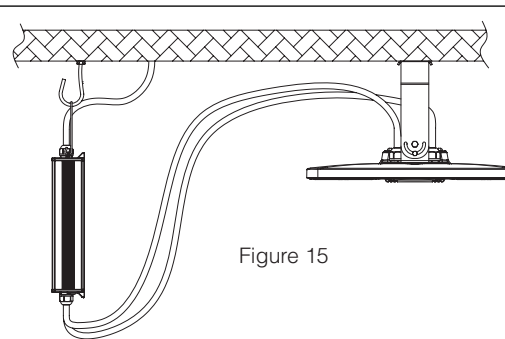


Figure 15

Step1. The emergency kits can be suspended near the luminaire. Separate led circuit is designed for the emergency kits. (Figure 14)

Step2. Choose a suitable waterproof junction box and make connections according to local standards and codes.

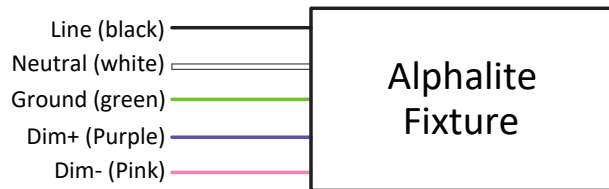
Step3. If luminaire use bracket to mounting, like below, step 1, mounting EM to ceiling by hook, and, step 2, mounting the luminaire close to EM by mounting bracket, notice, don't let the output cord between EM and luminaire exceed 50 cm (Figure 15)

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Wiring Diagram:



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