

# INSTALLATION INSTRUCTION MANUAL

## HBL SERIES HIGH BAY LIGHT, 100-277VAC

### MODELS :

Model	Input Voltage	Frequency	Watt	Input Current max	Weight
HBF2-100D	100-277V	50/60HZ	100W	1.0A	7.2
HBF2-150D	100-277V	50/60HZ	150W	1.5A	7.4
HBF2-200D	100-277V	50/60HZ	200W	2.0A	7.6

## 1. Introduction

- This High Bay light is designed for illumination of industrial locations. It uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency.
- The unique optical design focuses light downward to where it is needed, giving improved efficiency over a conventional HID luminaire.
- An internal power-factor-corrected switch-mode supply allows it to be used from any nominal 100V-277V 50/60Hz AC supply without any variation in light output.
- Suitable for use in the following locations:
  - Ambient Temp: -20~+40°C
  - IP65

**Note:** Save these instructions for future reference.

## 2: Installation

### **Warning:**

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

### **Warning:**

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

### **Warning:**

To avoid explosion:

- Make sure the supply voltage is the same as the rated luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Keep lens tightly closed when in operation.

For supply connections use wire rated for at least 100°C

Recommended mounting height: 16-40 feet

### Pendent Mount Installation Steps:

- For maximum long term reliability and light output, the light must be installed in free air.
- Open the package, and then assemble the lampshade and lampbody together (see fig.1).
- The LED High Bay adopts hook installation, which is available in a variety of installations. Please refer to fig.2 for detailed installations.

To ensure security, please note that the fixed point for suspending lamp must be able to bear four times the weight of lamp. After hanging the lamp, close the opening with the supporting safety screws.

### ●Connect power cable conductors as follows:

- ✧ Please confirm the voltage range on the label again before switch on.

For single phase):

Yellow/green wire connects to Safety Ground.

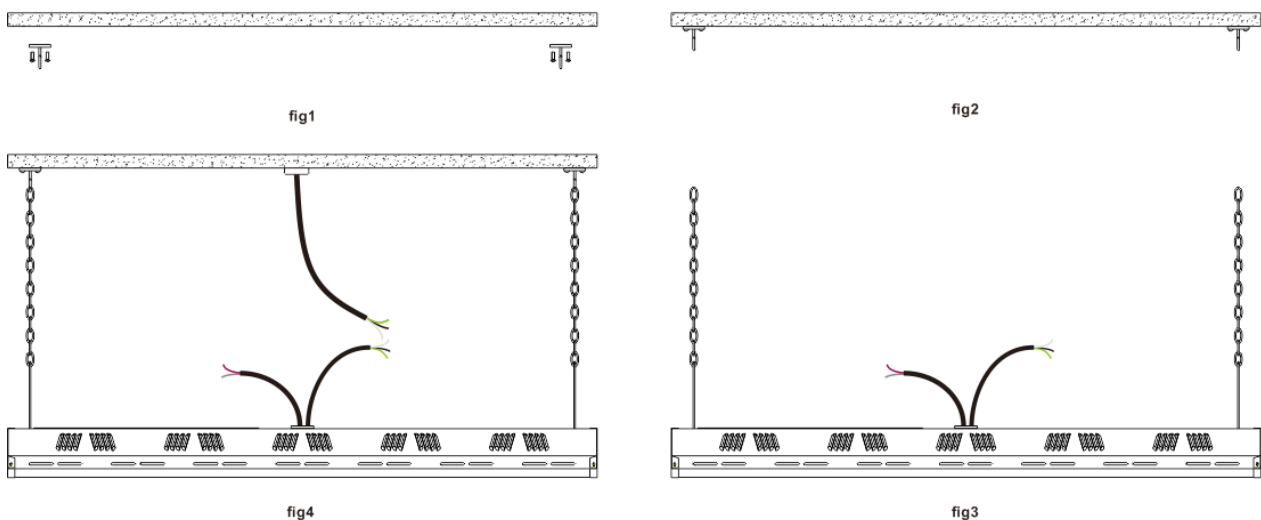
Blue (Black) wire connects to Neutral

Brown (White) wire connects to Live

### ●Restore power and verify operation.

**Note:** Installed by a qualified electrical person.

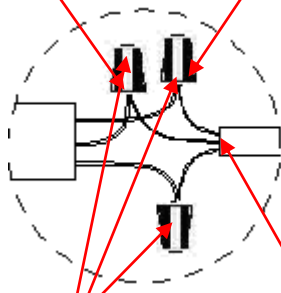
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



### 3.Wiring construction.

Wiring method: Wire the black line to the cable L (live wire), and white one to line N (null line), yellowgreen one to G (ground) inside outlet box. Secured the canopy to the outlet box by two screws. After fixed, caulk all sides of canopy by silicone gel. After all the installation is finished and fine, power on the lamp and it will works.

L black      N      White N



wire connector

E green E