

## Installation steps:

- Follow the above wiring steps to select the appropriate wire for wiring;
- Put the lamp into the round tube light arm as shown in Figure 9, refer to the level to install the lamp level, and then lock the four fixing screws;

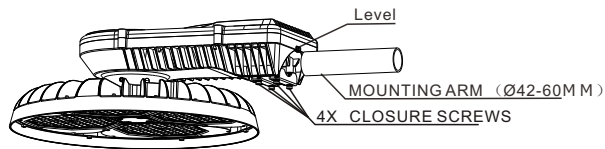


Figure 9

- Adjust the direction of the light projection as described in the previous instructions, and ensure that it is locked after adjustment;
- Fix the light barrier to the luminaire with a screwdriver as required, Figure 10

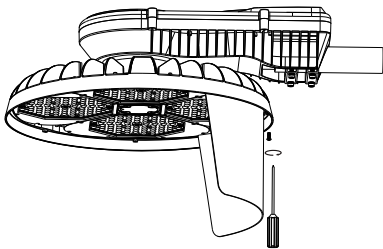


Figure 10

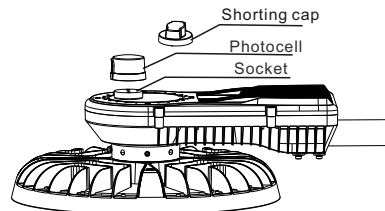


Figure 11

- When the photocell function is required, photocell should be installed on the back of lamp; When it's not required, shorting cap should be installed on the back of lamp Figure 11.

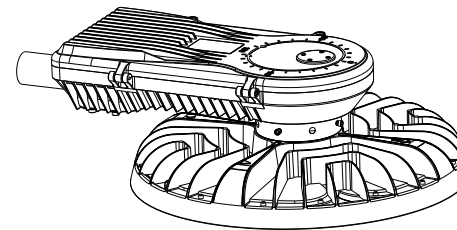
### MIN 75 °C SUPPLY CONDUCTOR

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

### LES FILS D'ALIMENTATION 75 °C MIN

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.

## LED HIGH MAST LIGHT INSTALLATION INSTRUCTION



### Application:

Port container terminals,  
Urban arterial roads,  
Highways and  
Overpasses,  
Large event plazas,  
Railway stations,  
Airports,  
Military facilities,  
Prisons,  
Open-pit mines,  
Truck stops,  
Toll plazas,  
etc.

### Note:

- The product should be installed, inspected and maintained by a qualified electrician in accordance with local national electrical safety regulations;
- Please turn off the power before checking, installing or removing;
- Ensure that the voltage used is the voltage within the product identification range;
- Use wires that comply with UL (or other local standards) for wiring. The voltage AC120-277V should be wired with no less than 16 AWG, and the voltage AC277-480V should be wired with no less than 18 AWG;
- Do not install in a hazardous environment. The ambient temperature must not exceed the rated operating temperature of the product;
- Do not install the product when it rains. Avoid the danger of lightning strikes and avoid accidents;
- Avoid direct eye exposure to the light source while it is on;
- All wiring connections should be capped with UL approved recognized wire connectors ;
- Do not use the electric generator to test the LED lamp;
- External 0-10V only passive dimmers are supported.

## Product manual:

- High mast light has been listed to applicable U.S. & Canadian safety standards by Underwriters Laboratories Inc. It is suitable for use in wet locations and ambient temperatures up to 45°C ;
- Description of each part of the product, Figure 1;

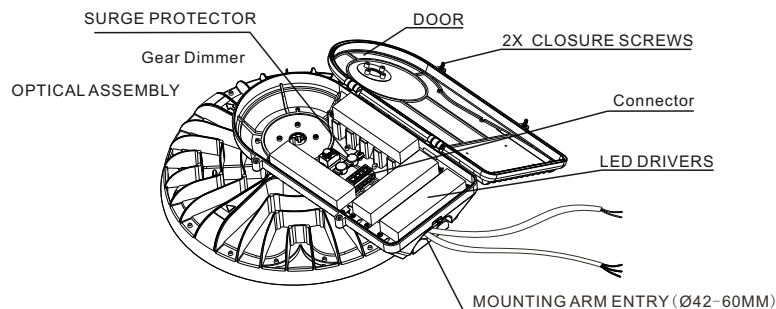


Figure 1

- The LED driver can be replaced or repaired by opening the driver box, Figure 2;
- The Optical Assembly can be rotated to assist with aiming the lighting distributions ;
- For products with optional gear dimming function, the light output and input power of the lamp can be changed by shifting the knob of the dimmer, (Gear 8 = full output. Gear 1 is the minimum output Optional 25%, 40%, 50%, 60%, 70%, 80%, 90%, 100%, factory setting: "8") Figure 3 ;

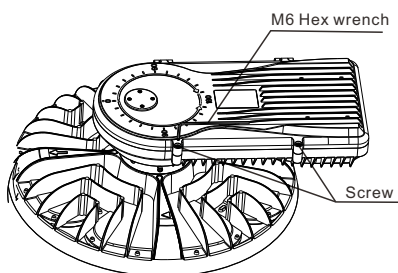


Figure 2

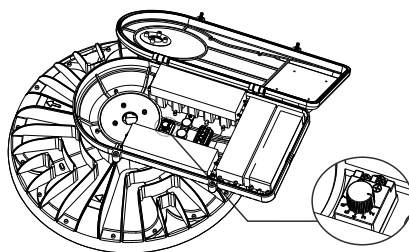


Figure 3

- Products with optional light control function are equipped with a light control base on the top of the power box. You need to use the light control to install the light controller into the base.
- 20KV surge protector is equipped to resist the risk of lightning strike;

- The direction of light projection can be adjusted by turning the radiator (165° left and right) Figure 4. Before turning, you need to loosen the three screws shown in Figure 5, and then tighten the screws after adjusting the projection direction.

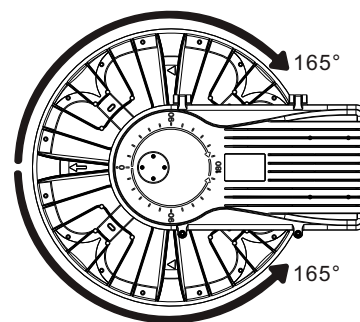


Figure 4

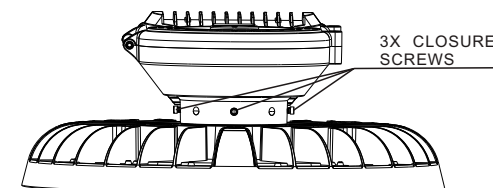


Figure 5

- The lamp can be adjusted vertically by 5° by adjusting the limit. Figure 6, Figure 7

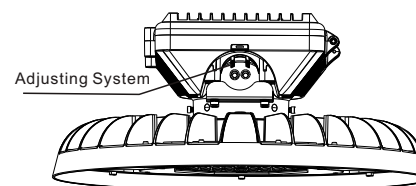


Figure 6

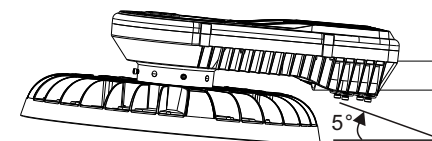


Figure 7

## Wiring diagram:

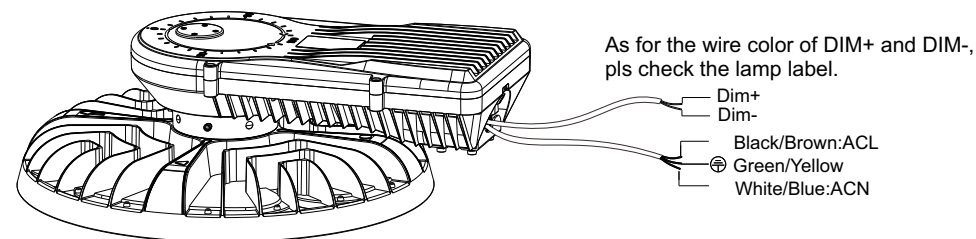


Figure 8