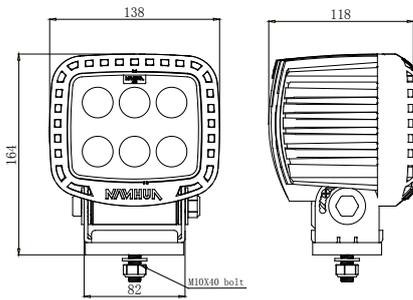


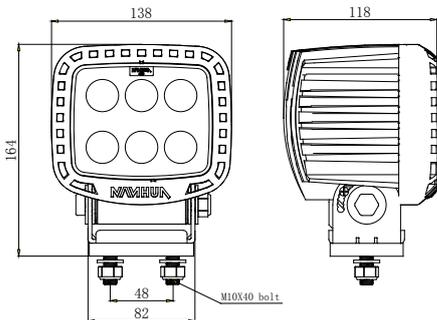


Mounting dimension ( Unit : mm )

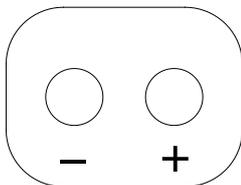
Type 1



Type 2



Wiring diagram



DC18V-DC32V

Application



### Application

LED high bay light is applied for the lighting system of various lifting machinery (tyred gantry crane, crawler crane, travelling crane, etc), port machinery (gantry crane, bridge crane, reachstaker, etc), metallurge, chemical industries, mine and marine vessel, etc.

### Major functions and features

- Based on engineering vehicle lighting technology, high power LED light source, it features high luminance, low power consumption and long lifetime.
- Aluminum body features excellent heat emission, anti oxidation ability for long term stable operation.
- Sealed structure, excellent waterproof and vibration resistance capacity
- 60°~140° mounting angle and built-in Deutsch socket to make the cable connection convenient

### Specification

|                       |   |              |   |
|-----------------------|---|--------------|---|
| Operating voltage     | DC18V-DC32V                               | LED lifetime | ≥50,000hrs                                    |
| Power consumption     | LW230A ( Low beam)/LW230B(High beam): 60W | CCT          | 5500K-6000K(Cold White)<br><2700K(Warm White) |
|                       | LW231A(Low beam)/LW231B(High beam): 48W   |              |   |
|                       | LW232A(Low beam)/LW232B(High beam): 35W   |              |   |
|                       | LW233A(Low beam)/LW233B(High beam): 18W   |              |   |
| Operating Temperature | -40°C ~ +85°C                             | IP Class     | IP68  |
| Humidity              | 10% ~ 95% (non coagulation )              | Weight       | 2.5kg   |
| Material              | Lens : PC Base : Aluminum                 |              |   |

### Installation and operation

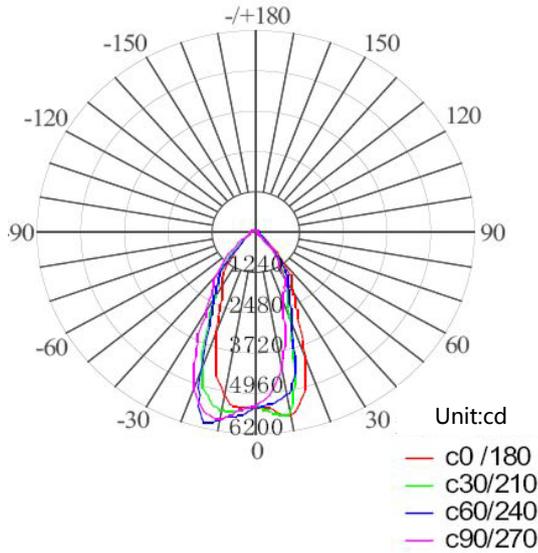
- To check the power supply voltage is same as the nominal voltage
- Fix the lamps to the mounting surface which has enough mechanical strength with M10 screws. The mounting angle of the bracket is adjustable within 60°~140°
- With built-in Deutsch socket, 1 is positive and 2 is negative
- The lamp is lit once powered on.

### Note

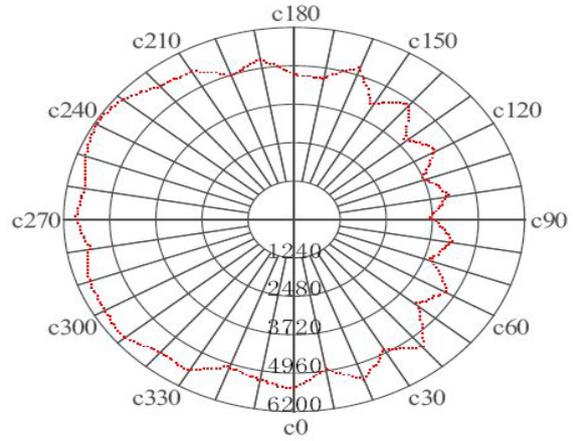
- For high-power lamp , the surface temperature is high, it cannot be covered. And the distance from the object no less than 3m, to avoid burns or fire.
- The part of material of products is PC( like lamp cover and lamp shell ), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isopropyl alcohol, carbon tetrachloride, cyclohexanone and so on, otherwise, the product will be corrosion.
- Do not reversely connect the power supply
- Please external connect the fuse of rated current 5A to protect the circuit
- Do not use it until the bracket and lamps are screwed tightly
- It is normal that the lamp has the temperature rise.

**Low beam Light distribution curve(40°)**

Luminous Intensity Distribution Curve

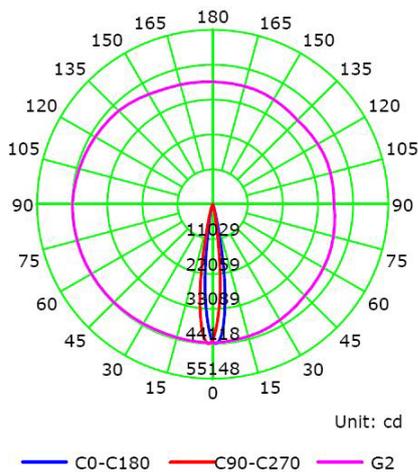


Max Candela Distribution Curve in Taper Surface

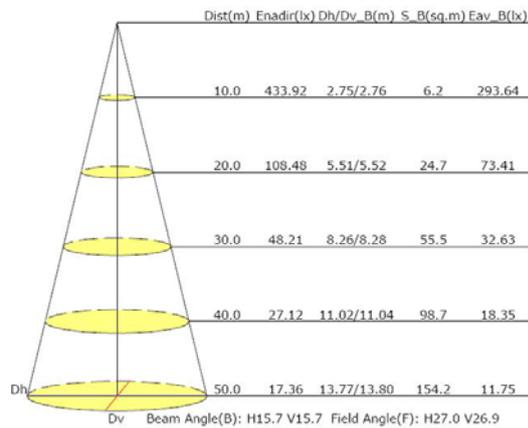


**High beam Light distribution curve(15°)**

Luminous Intensity Distribution Curve



Illuminance at a Distance



Max Candela Distribution Curve in Taper Surface