



### Application

The utility model is mainly used for the lighting of the deck of the ship and the platform of the sea, and can also be used as the auxiliary lighting under the abominable environment.

### Major functions and features

- Vibration resistance, corrosion resistance.
- Protection grade for IP67, can be used in outdoor.
- The shell is made of aluminum alloy, light weight and good heat dissipation.
- This product with anti falling chain, improve the safety performance of product
- 0°~350° mounting angle and built-in Deutsch socket to make the cable connection convenient

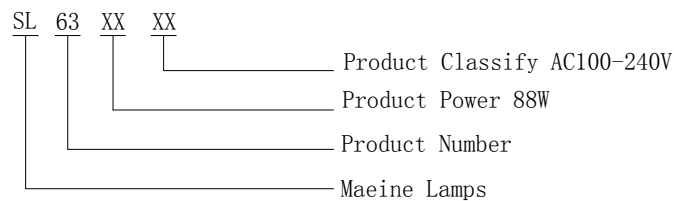
### Standard

- IEC 60598-1 : 2014 《Luminaires - part first: General requirements and tests》
- IEC 60598-2-5 : 1998 《Safety requirements for floodlights》
- GD22-2015 《Guide for the type approval test of electrical and electronic products》
- IEC 62471 : 2006 《Photobiological safety of lamps and lamp systems》

### Specification

Operating voltage	AC100V~AC240V/DC18V-DC32V	Operating current	0.9A
Power consumption	88W	Power factor	0.98
Color temperature	5500K-6000K	LED Lifetime	≥50,000 hours
Light efficiency	100 lm/w	Operating Temperature	-40°C ~ +60°C
Humidity	10% ~ 95% (non coagulation )	IP Class	IP67
Material	Lens : PC Base : Aluminum	Weight	4.5kg

### Model Table :




### Installation and operation

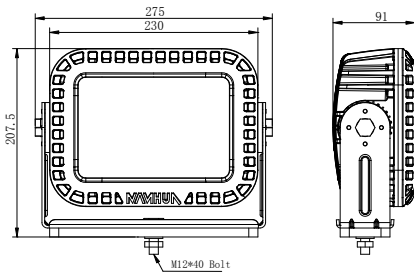
- To check the power supply voltage is same as the nominal voltage
- Fix the lamps to the mounting surface which has enough mechanical strengthen with M12 screws. The mounting angle of the bracket is adjustable within 0°~350°
- Lamp comes with 1 meters lead wire, Use should not less than 3×1.5mm<sup>2</sup> wire.

### Note

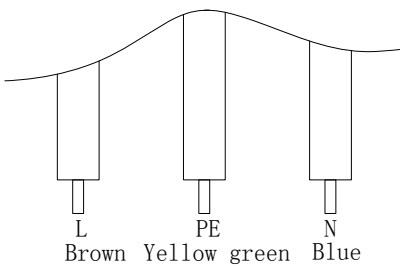
- Y type connection mode, The wiring work may need professional trained.
- External cables must use approved by the classification society type of cable.
- Temperature rise when light working is normal phenomenon.
- Do not open any part to avoid any dangers when it works.
- It is sealing structure, do not disassemble the lamp by non-professional people. Otherwise, the warranty is invalid.

 Installed directly on the combustible material surface.

### Mounting dimension ( Unit : mm )



### Wiring diagram



AC100-240V

### Application



Light distribution curve

