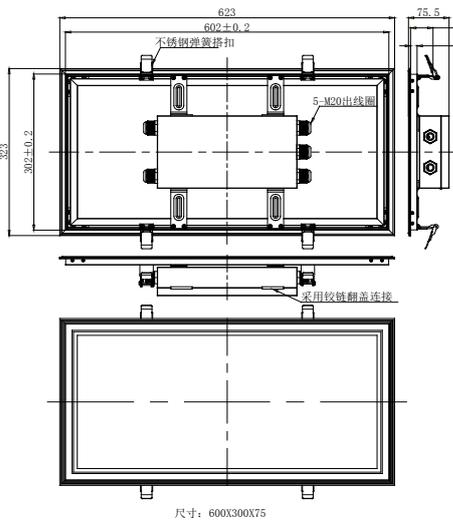


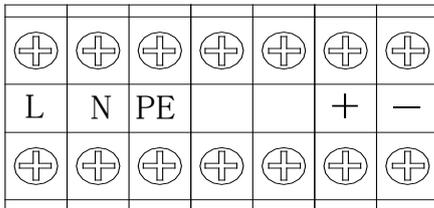


Mounting dimension(Unit: mm)

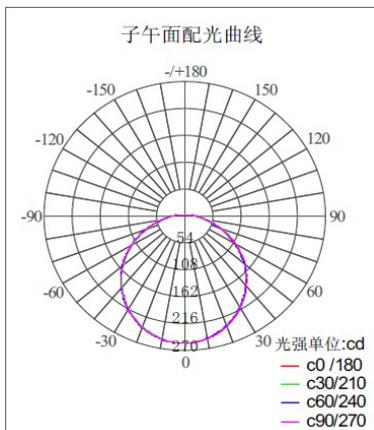


Wiring diagram

Emergency



Luminous intensity distribution curve



### Application

Mainly applicable to all kinds of ship premises and public places as indoor lighting. For example: (in meeting rooms, restaurants, captain quarters, lounges etc.)

### Main functions and features

- 1, Ship ceiling lamps, LED, LCD backlight technology, it is a new type of industrial energy-saving lighting that can completely replace existing traditional lighting fixtures. LED has optional color consistency, many different color temperatures, low energy consumption, environmental protection and other advantages,
- 2, Energy saving: energy-efficient and pollution-free, direct-driven, ultra-low power consumption, energy-saving when compared to traditional light is more than 70%;
- 3, Environmental protection: no ultraviolet and infrared light in the spectrum, no heat, no radiation, it is safe to touch, it is a typical kind of green technology lighting;
- 4, Long lifetime: the LED light source life can be more than 100,000 hours, which is almost 10-50 times more than the ordinary halogen spotlights.
- 5, Flexible application: ultra-thin and lightweight, which makes them easy to install, space saving, you can create any graphic shape, any color, or use your own color effects and designs.;
- 6, Illumination methods: illumination comes from the lateral side, highly efficient acrylic light guide plate, and plane lighting. Its surface illumination is bright and luminous, light is soft and pleasant to the eyes, LED plate uses cross connection arrangement, if a single LED is broken it will not influence the operation of LED fixtures
- 7, Emergency function  
When the main power is off, electricity can be provided directly through the DC24V emergency power supply to ensure lighting.

### Specification

Operating voltage	AC220V/DC24V	Frequency	50~60Hz
Power consumption	21W	Flammability level	UL94-V0
Color temperature	4500K-6000K	Color rendering index	Ra65
Luminous efficacy	>60lm/W	Beam angle	170°
Lumen decay	Less than 30% in 50,000 hours operation	LED lifetime	≥50,000 hours
Operating temperature	-30°C ~ +60°C	Humidity	10% - 95% (no condensation)
Material	Body: Aluminum alloy, housing: PMMA		

### Installation

- Please ensure the power voltage is same as the lamp voltage
- Stainless steel pring fastener and surface mounting etc installtion method for optional, the mounting surface should have enough mechanical strength and smoothness.
- Wiring terminals inside the light
- Please refer the wiring diagram for wiring.

### Note:

- 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 corroision.
- It is normal that the lamp has temperature rise
- Do not open any part to avoid any dange when it works.
- As its sealed structure, do not disassemble the lamp without the company of professional people. Otherwise, the warranty is invalid.

### 船舶休息室现场应用

