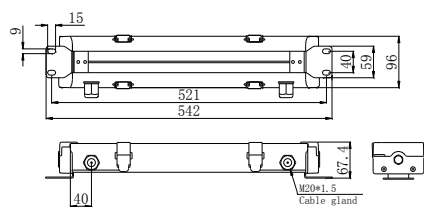


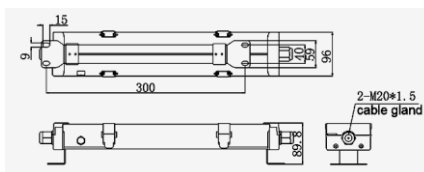
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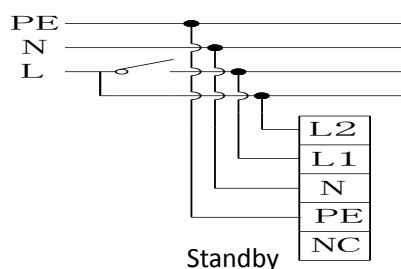
Mounting dimension 1 ( unit: mm )



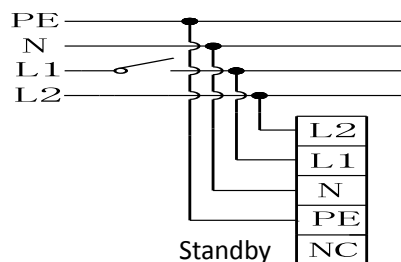
Mounting dimension 2 ( unit: mm )



Wiring diagram 1



Wiring diagram 2



### Application



### Application

Specially designed as the lighting system for the cabin room and walkway of the large-scale port cranes (RTG, RMG, QC, STS), interior luminaires of wind turbines (nacelle, tower and hub) and ceiling and passages of marine vessels.

### Major functions and features

- Use 5mm tempered glass diffuser to protect from being ageing and fading. Frosted finishing process to prevent the glaring
- Lifetime of LED light source up to 50,000hrs. Save at least 50% energy comparing the fluorescent lamp. With the long term operational stability and maintenance free
- Compact structure features small size and light weight. Adjustable mounting bracket makes it convenient for the field installation
- The light is lit and the battery is charged when it is powered. Ni-Mh battery works and light is in emergency mode when it blacks out
- Emergency light is not less than 90 minutes
- Air valve design to protect the electronics components from being overheated to guarantee the long lifetime

### Specifications

Operating voltage	AC100V-AC240V/DC24V-DC 48V(customized)	Frequency	50Hz ~ 60Hz
Power consumption	17W	LED lifetime	≥50,000hrs
CCT	5500K-6000K	CRI	Ra>72
LED efficacy	100lm/W	Beam angle	>120°
Operating temperature	-30°C ~ +40°C	Humidity	10% - 95% (no coagulation)
IP Class	IP65	Storage temperature	-40°C ~ +70°C
Material	Lens: tempered glass Base: aluminum	Weight	2.5KG

### Installation and operation

- Please ensure the power voltage is same as the lamp operating voltage
- Only one live wire exists, please refer to the diagram 1. Two or more live wires exist, please refer to diagram 2.
- Comes with 2\*M20 (customized) cable glands, connect the power cable through the glands
- Fix it on the mounting surface with 2 nos or 4 nos M8 screws. The mounting surface should have enough mechanical strength and smoothness.
- After finishing wire connection, please turn the switch of the battery to emergency mode. L1 controls ON/OFF of the light, it automatically start work in emergency mode when it black out ( Note: please turn off the battery if it is not used for long run )

### Notice

- It is normal that the lamp has temperature rise .
- Ensure L2 is connected when it works, only in this case, L1 can control ON/OFF of the light
- The emergency mode does not work if no L2 is connected
- Do not open any part to avoid any danger when it works
- The cycle lifetime of Ni-MH battery is 500 times( IEC61951-2/2011/7.5.1.2 ). Please maintain it by charging- discharging once every 3 months



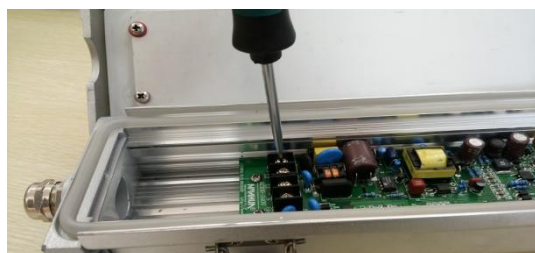
### Wiring instruction



1. Open the 4 buckles



2. Pull up the lens



3. Connect the power cable to the right terminal



4. Close the cover and clap the buckles



5. Buckle installation (close/open) diagram

### Lighting distribution cure

