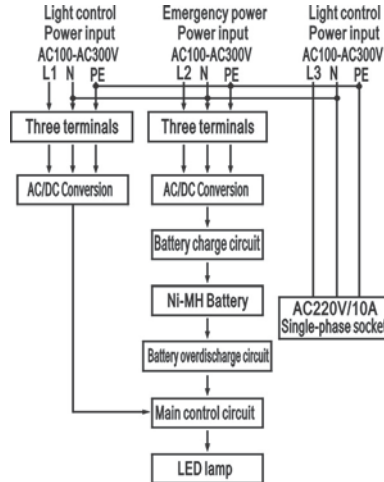




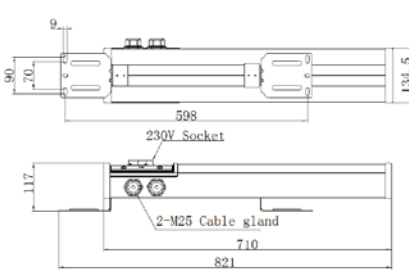
Patent NO. 2012 3 0052357.6



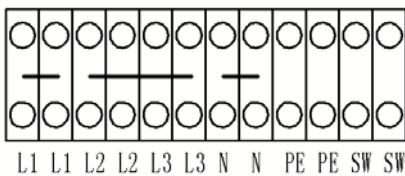
Emergency working diagram



Mounting dimension (unit: mm)



Terminals diagram



Application



Application

Design for wind gerator (cabin, vessel, hub) inside lighting, and additional lighting for hazardas enviornment(waterproof, corrosion resistant, shockproof etc).

Main functions and features

- Soft light beam
- PC grain housing makes the light beam softly, to protect eyes
- External long life, energy saving and environmental friendly
- The life of LED can reach more than 50,000hrs, and the light can save 50% energy than common bulb, maintenance free.
- Integrated design, convenient for mount
- Lamp body and junction box are combined together on a base, convenient for mount and maintenance.
- Selectable plug, terminals and cable gland
- Equipped with standard 10A power plug, other type of plug can be selected as request.
- No. of terminals and cable gland can be customized based on request.
- Emergency function
- In case of power failure, emergency duration is more than 90minutes & the emergency luminance is 80% of lighting states

Specifications

Operating voltage	AC100V-300V	Frequency	50Hz ~ 60Hz
Power consumption	19W	LED life	≥50,000 hrs
CCT	5500K-6000K	CRI	Ra>72
LED luminance	100lm/W	Lighting angle	>200°
Working temperature	Emergency temperature : -30°C ~ +40°C	Relative humidity	10% - 95% (no coagulation)
		IP Protection	IP44 (Socket)
storage temperature	-40°C ~ +70°C	Material	Housing: PC Base: aluminum alloy
weight	3.0KG		

Operation and installation

- Check whether the power supply complies with rated voltage of the light.
- Secure the light on a smooth surface which has enough strength using 4*M8 screws.
- Equipped with 3*M25 cable gland (Can be customized per request) , and connect the power cable and output cable throughthe cable gland.
- Power cable wiring diagram see left side
- After connecting and debugging the power cable, please plug the accessoried short sub cap into the SW Sw tank. Emergency power start working at this time, and will automatically switch to the normal state when powered on. (Do not insert the sub hat into the SW SW groove if no power connected for a long time to avoid the battery discharge deeply).
- Indicator light status:

1. Power on	Red, green light interactively flash 3 seconds
2.No battery	Red, green light extinguish
3.Battery abnormal	Red, green light consecutively and interactively flash
4.Charge	Red light burns
5. Charge full	Green light burns



Notice

- 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.
- Temperature rise when light working is normal phenomenon.
- Please do not open any components inside by yourself.
- Ni-MH battery inside the lamp is a consumable, its cycle life (IEC61951-2/2011/7.5.1.2) it is recommended to conduct a charge-discharge every 3 months.
- This product is a sealed structure, please do not be tampered with anyone other than registered installer.

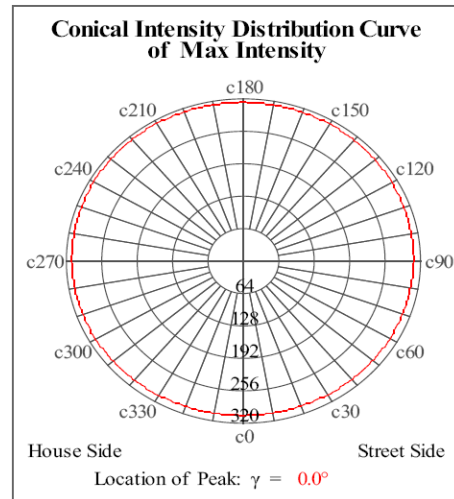
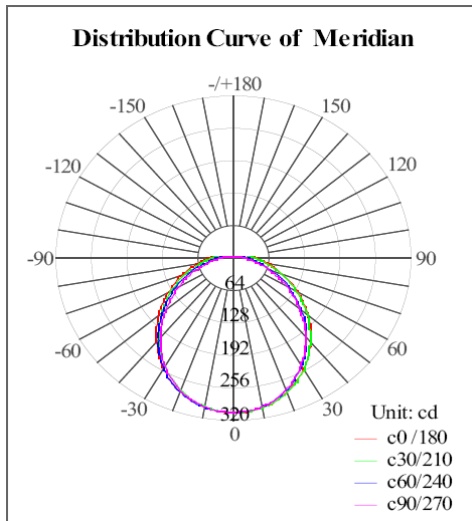
Battery replacement



1.Open the side cover, pull up the connectors and replace the battery, then join the connectors.

2. Close the side cover, and tighten the screws.

Light distribution curve :



Illumination Cone Curve

H[m]	Diameter[m]	Illuminance[lx]
1.2		215.29
		214.55
2.4		53.82
		53.64
3.6		23.92
		23.84
4.8		13.46
		13.41
6.0		8.61
		8.58

■ C0-C180
■ C90-C270

height : 1 m C plane: C0/C180

half-peak side angle (C0) : 54.9° half-peak side angle (C180) : 54.0°

