

Flange Mounting



Magnetic steel mounting



Surface mounting



Application



### Application

Apply to construction machinery(travelling cranes, crawler crane, RTG cranes etc.), harbor machinery(bridge cranes, STS cranes )etc heavy machinery or port, quay such area request warning indicator.

### Major function&features

- Base material is Nylon and housing is PC, anti-ultraviolet
- Photoelectric automatic controlled
- Internal Ni-MH battery
- No RF, no electromagnetic interference, work stability
- Shockproof and corrosion resistance
- Three type mounting for selection

### Major specification

Light source	LED	Color	Red, Amber ( optional )
Working mode	Flash	Frequency	40±10 times/minute
Solar cell	0.3W monocrystalline silicon solar cell	Battery	1.2V/1.8AH(Maintenance -free)Ni-MH
Continuous operation	5 days	Peak intensity	5cd
Battery protection way	Bottom dormancy switch(see notice)		
Operating temperature	-40°C ~ +55°C (low temperature type) 0°C ~ +55°C (ambient temperature type)	IP protection	IP65
Humidity	10% ~ 95% (no condensing )	Material	Base: Nylon; Housing: PC
Weight	0.4kg	Control type	optically controlled

### Installation and operation

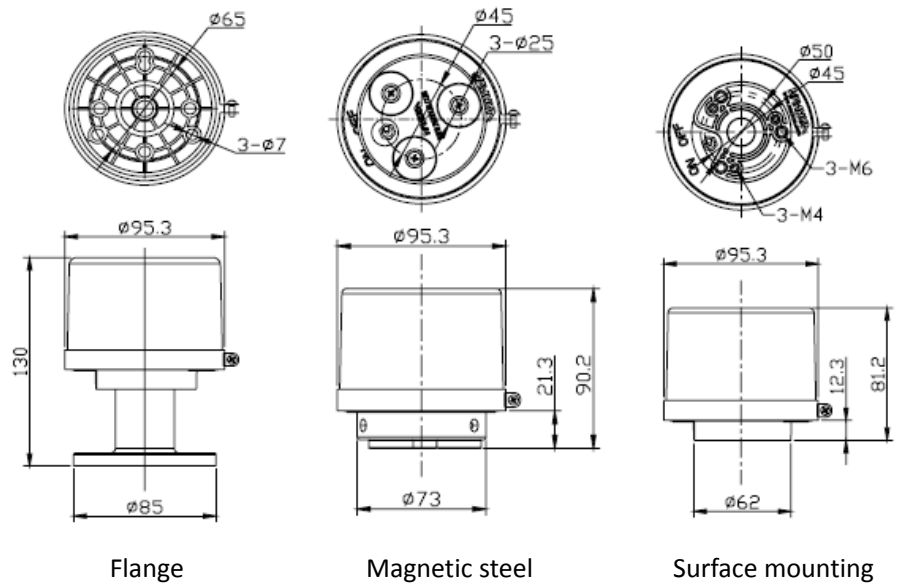
1. Flange mounting
  - Use three M6 screws and Φ6 plate washer, Spring washer to fix on mounting surface, make sure the surface is enough strength.
2. Magnetic steel mounting
  - Put the product on metal surface, ensure the metal is magnetic absorbing  
Notice: Solar cell must face up and receive sunlight.  
Notice: Make sure metal is enough magnetic absorbing, avoid product to fall off in shock or strong wind condition.  
Notice: Please do not use magnetic steel mounting in strong shock condition.
3. Surface mounting
  - Fix product with three M6 screws.  
Notice: screw should be not too long, make sure thread length less than 15mm.
  - Mount the product in the most suitable place such as under direct sunlight, to ensure its continuous operation.
  - When first use, if product does not work or weak illumination in dark place. Please put the light under direct sunlight for approx. 12hrs.
  - If store for long times, please keep the product in dry and low humidity place. Put product under direct sunlight for one day every 30 days, to keep the battery capacity.



**Notice:**

- Please read the instruction manual carefully before operation.
- Product reducing of flash frequency a little in -40°C~-10°C low temperature.
- For protection of batteries during transport and storage, product bottom installed sleep switch, and set to sleep mode, please check whether the product is in normal working condition before installation or testing, turn on the switch according to the instruction.
- Bottom switch control way: press to "OFF" , product start to sleep (stopped working); press to "ON" , product start to work (In work condition, product flash in dark environment); testing and operation of switches in the dark environments, or covered with black shade cloth in order to operate correctly.
- Any question in operation please contact us.

**Mouting diagram (Unit: mm)**



**Model selection:**

Type \ Model	Ambient temperature	Low temperature	Flange mounting	Magnetic steel	Surface mounting
LT901F		■	■		
LT902F	■		■		
LT901C		■		■	
LT902C	■			■	
LT901A		■			■
LT902A	■				■