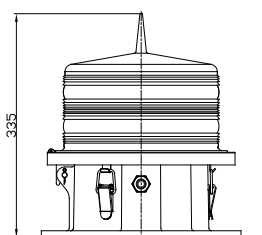


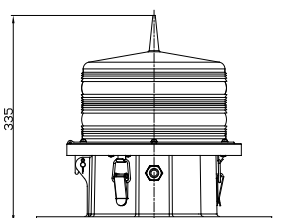
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Patent NO2011 3 0189202.2



Mounting dimension (unit: mm)

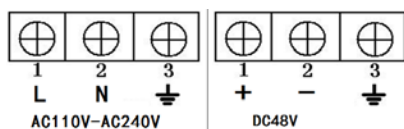


(Drawing 1 Normal base)



(Drawing 2 Big size base)

Wiring diagram



Application

LM100 Medium intensity obstruction light for making Towers(Telecom,GSM),Smokestacks (heat-engine plant,coking plant chemical plant etc),Buildings,Port devise,Construction machinery,wind power generator etc for air traffic warning.

Major Functions&Features

- Optics design based on fresnel lens principle.
- Based on LED technology, with external long life, low power consumption and high efficiency.
- PC lamp housing with the sound impact resistance, thermal stability and luster effect.
- Die casting aluminum base, shockproof and corrosion resistant.
- No RF-radiations, EMC Compliant. And constant LED drive to prolong led life.
- Sealed material: waterproof sealing ring.
- Combustibility rating : UL94-V0.
- Windspeed resistance grade: $\geq 240\text{Km/h}$.
- Option function: photocell/ frequency adjustment.
- Customized function: fault alarm outputting function/ GPS synchronous function .
- Option accessory: mounting bracket/leading wire(wire length can be customized) .

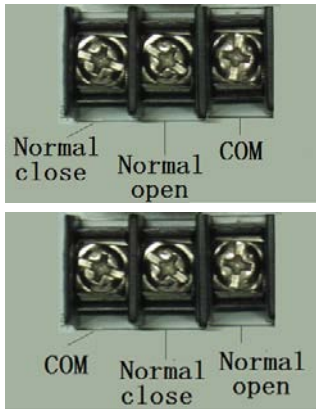
Specification

International standard	ICAO (Annex 14) medium intensity aviation obstruction light standard and FAA-L864		
Color	Red	Light source	LED
Intensity	$2000 \pm 25\%$ cd	Working mode	Steady burning or flashing (optional)
Vertical degree	$\geq 3^\circ$	Horizontal degree	360°
Voltage	AC110V~AC240V/DC12V	Power consumption	65W (steady burning)
Light source power	60W	LED life	$\geq 100,000\text{h}$
Flashing rate	20-60times/min(Default : 20 times/min)		
On/Off level	50lux (Suitable for the light control feature)		
Ambient temperature	$-40^\circ\text{C} \sim +70^\circ\text{C}$	IP protection	IP65
Humidity	10% ~ 95% (no coagulation)	Weight	7.0kg

Installation and operation

- Secure the light on a smooth surface which has enough strength, if there is no mounting surface, we can customize special mounting bracket as request.
- When installation, please stay away the nearby light source, at the same time, ensure the photocell do not cover by the near object.
- Make sure the power supply can match the rated power of light before connecting.
- Unfasten three buckles on the base and overturn the lamp body, then the terminals appear.
- Insert the power cable from the cable gland and then connect them to the corresponding terminals inside the lamp body.
- After finishing the connection, fasten the buckles. Check whether the power cables are connected correctly before power on.
- GPS synchronization test should be in the outdoor environment without any block. Synchronization takes about one minute (Only suit for the type of synchronization with GPS)

(alarm) Terminal wiring diagramIn kind prevail

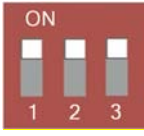
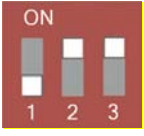
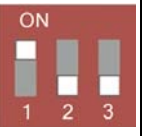



Application



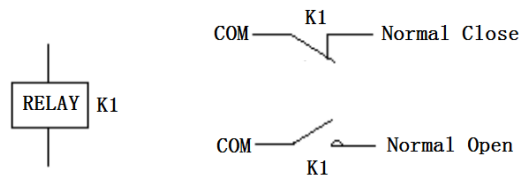
Method

- The product with flash work mode manual adjustable function, also with fault alarm function.
- Method for flash work mode: disconnect the power supply, take apart the light and dial the switch with screwdriver.

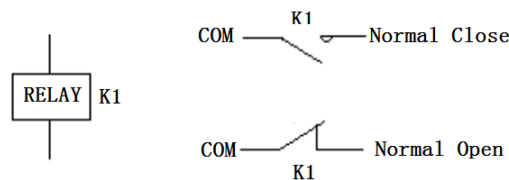
Dial code	1 1 1	0 1 1	1 0 0	0 0 0
Dial sample figure				
Light work mode	flash 20times/Min	flash 30times/Min	flash 60times/Min	Steady burning

•Fault alarm function :

When the light don' t connect the power supply or the work current for light is low: relay has no action," COM" and "Normal Close" terminals closed, as shown.



When the light connect the power supply and work normally: the relay work," COM" and "Normal Open" terminals closed, as shown.



- If need to receive the" disconnection" signal when no pwer supply connection or fault,alarm signal wire should connect at "COM" +" Normal Open" termianl ;
- If need to receive the "clsoed" signal when no power supply connection or fault,alarm signalwire should connect at "COM" +" Normal Close" terminal.

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 corroision.
- Ensure that the power connection part is correct before using.
- Temperature rise when light working is normal phenomenon.
- Please do not open any components inside by yourself.
- This product is a sealed structure; Please do not be tampered with by anyone other than registered installer.Once found, we are not warranty.