

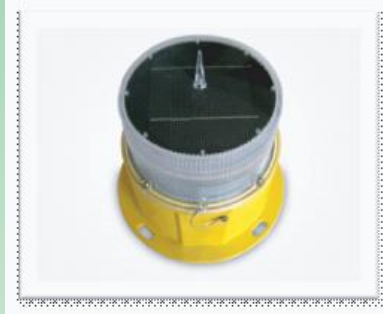
It runs with  
the Sun

# PowerCom



## Solar Powered Obstruction Light

PCM10S is a member of PCM10 series solar aviation obstruction lights, configured two toggle switches. An internal solar panel comes with PCM10S, provides power supply to the light, which makes PCM10S a self-contained and care-free light unit. Also, with the solar function, the light is easy to deploy to almost any condition and any emergency case. Robust body built and surface coating provides good protection against harsh environments.



PCM10S is equipped with an 8Ah NiMH rechargeable battery which could power the light up to 20 days when the weather is cloudy & rainy. NiMH battery is also a clean power source with no pollution. The NiMH battery is also easy to find almost anywhere.



### Two Toggle Switches Built On PL10S Body:

1. ON/OFF for saving power consumption and protecting battery from over-discharging during storing or transportation.

2. AUTO/MANUAL FOR EMERGENCY use. "AUTO" STATUS will light at daytime and turn off at nighttime. "MANUAL" STATUS will light no matter what the ambient condition is.

### Specifications

#### LIGHT OUT-PUT

Intensity	FLASHING Red: >10cd Yellow: >10cd Blue:>5cd Green:>20cd White:>25cd
	STEADY Red: >10cd Yellow: >10cd Blue:>5cd Green:>20cd White:>25cd
Nominal Night Range	>4 KM
LED Color Available	Red

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LED Color	Available Red
Divergence	Vertical 10 Degree
Horizontal	Out-put 360 Degree
Out-put	360 Degree
Illumination	Ultra-bright LEDs
LED Lifespan	100,000 Hours
OPERATION	
Autonomy	Flashing : 200 Hours / Steady : 100 Hours
On & Off	
Level	70/100 Lux
Flash Pattern 40FPM default?can be preprogrammed to a specified flashing rate upon customer request)	
POWER SUPPLY	
Power Source Solar module, mono-crystalline silicon	
Solar	
Efficiency	13.5%
Max. Power	
Out-put	1.8 Watts
Battery Type	High-efficiency NiMH rechargeable battery
Battery	
Capacity	8 AH
Replacement	Yes, replaceable
MECHANICAL STRUCTURE	
Lens	Polycarbonate, UV Stabilize
Body	Die-casting Aluminum
Water-proof	IP67
Weight	4.5 KG
Temperature	
Range	-40C? ~ +55C?

Dimensions	215.5mm H, 226mm Diameter
Warranty	5 years for light 2 years for NiMH battery

### Note

when the light is in storage, please put it outside to charge the battery every 3 months

### Features

- ❖ Ultra-light LEDs, energy saving
- ❖ Self-contained without outside power supply
- ❖ Maximum visibility distance 4 KM
- ❖ Once fully charged, it can work for up to 200 hours
- ❖ Auto-off after being packed for 18 hours

### Application

- ❖ High-rise building marking
- ❖ Telecom tower marking
- ❖ Road obstruction marking
- ❖ Navigation aid
- ❖ Port, dock entrance & walkway
- ❖ Buoy marking
- ❖ Offshore gas & oil platform

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