

**Description:**

The solar powered JCL80 is a field proven runway light that offers enormous benefits over traditional battery and hard-wired runway lights including low maintenance and no underground wiring.

These completely self-contained LED lights are designed to suit a range of aviation and general applications including emergency airstrip, caution, taxiway, and threshold lighting. The unit has two high-performance solar modules mounted within the lens, which maximize solar collection and provide reliable operation in a range of environmental conditions. The focal plane of the light is designed to provide a vertical divergence of between 0 and +7 degrees, and the user-replaceable battery ensures a service life of up to 5 years.

The JCL80 is made from tough, durable UV stabilized LEXAN polycarbonate, and incorporates an internal photodiode for automatic night activation once the ambient light threshold drops sufficiently.

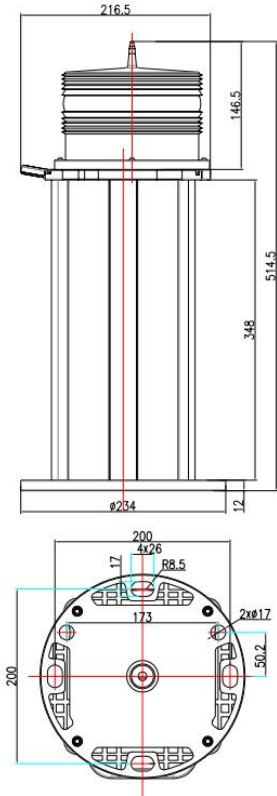
Completely self-contained and able to be installed in minutes, the JCL80 is the preferred choice of remote airfields throughout China-where the units mark indigenous and regional council' s airstrips, and mining strips around the country.

Features& Benefits:

- Integrated solar battery system
- Dual Internal high-performance solar modules angled to maximize solar collection
- Fast & easy to deploy-no programming
- IP67 waterproof rating
- User-replaceable battery
- Ultra-high intensity LEDs(no changing globes ever)

Typical Applications:

- Solar Barricade Light
- Solar Caution Light
- Solar Taxiway Light
- Solar Threshold Light
- Solar Obstruction Light



Specifications:

LIGHT OUT-PUT	
SPECIFICATIONS	
Intensity	Flashing: yellow: 1600cd red: 1600cd green: 1600cd White:1600cd
LED Color Available	Red,white,green,blue,yellow(optional)
Vertical Divergence	10 Degree
Horizontal Out-put	360 Degree
Illumination	Ultra-bright LEDs
LED Lifespan	100,000 Hours
OPERATION	
Autonomy	25 days (flashing), 8 days(steady on)
On & Off Level	70/100 Lux
Flash Pattern	20-90FPM (Preprogrammed default 40FPM)
POWER SUPPLY	
Power Source	Solar module, mono-crystalline silicon
Solar Efficiency	14%
Max. Power Out-put	18V/4*6W
Battery Type	High-efficiency Lithium rechargeable battery
Battery Capacity	12V14Ah
Battery Replacement	Yes, replaceable
MECHANICAL STRUCTURE	
Lens	Polycarbonate, UV Stabilize
Body	Die-casting Aluminum
Water-proof	IP67
Net weight	9.8KG
Gross weight	12KG
Temperature Range	-40C ~ +55C
Dimensions	514.5mm H, 234mm Diameter
Warranty	5 years for light 2 years for Lithium battery