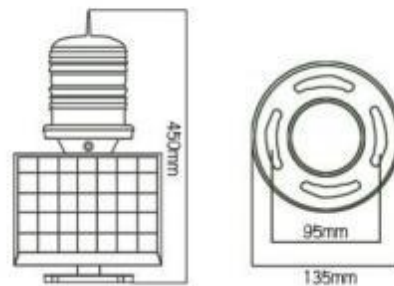


SPL-301Z/BY Medium-intensity Type B Solar Powered



Aviation Obstruction Light

SPL-301Z/BY medium-intensity type B solar powered aviation obstruction light use solar power, it can be provided with power supply without power transmission cables, so it is suitable for those locations especially which are hard to lay the cable or lack of power supply. This light is suitable to be installed on obstructions whose height is more than 45 meters but less than 105m. As this light is solar-powered, it could be used only the environment which has enough sunlight. It's unsuited to install the place where there's object shade the sunlight.

Description

1. SPL-301Z/BY adopts dedicated deep-cycle batteries and international advanced, low-brightness, high-efficiency solar panels. The solar panel is sealed up by pre-straining glass.
2. Battery type: The lithium battery

3. The control circuit of the light uses low power consumption professional flash-light controller to reduce the power consumption of the control circuit itself and improve greatly its reliability.

4. Light source adopts international-advanced LED which has low power consumption, long battery life span (100,000hr.) and high efficiency.

5. Lamp shade adopts PC which is impact resistance (IZOD impact indentation rate:90), hot resistance (can bare high temperature up to 130℃), high light transmission max 90%, anti-UV and aging resistance. The light can work continuously for more than 15 days during overcast and rainy days.

Type

SPL-301Z/BY : It is single constant mode solar-powered low intensity aviation obstruction light with photocell, no need additional controller, it can work automatically when fit on the fuse. Each light works individually.

Main Parameter

Name	Parameter
Type	SPL-301Z/BY
FAA Standard	L-864/885
Input Power	DC12V(Solar panel + Battery)
Consumption	≤10W
Flash Frequency	20-60times/min
Light Intensity	2000cd(±25%)
Light Source Lifespan	100000 hours
Emitting Color	Red
Protection Standard	IP65
Photocell Ambient Brightness	50cd/m ²
Ambient Temperature	-40℃~+80℃
Wind load	80m/s
Weight	5.5 kg
Solar Panel Dimension (mm)	33cm*27cm*2.5cm

Installation and Usage

Luminaires must be installed in a place where sunlight can be fully received to ensure that the solar lamp can continue to work.

Please install the light horizontally, and the installation plane has enough strength, can also be customized according to the specific circumstances of the installation bracket.

When installing, please do not light control head to the nearby light source, and is not blocked by objects. (Suitable for light controlled type)

If the first use, the light in a dark environment is not bright or weak light, the solar lamp can be put in the sun irradiation 12 hours can be normal shiny. When the sun shines, please connect the wire as indicated by the arrow, otherwise it cannot be charged.

Please connect in strict accordance with the arrows on the connection head, otherwise it will cause a short circuit of the light fixture.