

LED AIRFIELD LIGHTING



Omnidirectional Elevated LED Light Unserviceable Areas Light

- ELP-USL-X(L)

Compliance with Standards (current version)

ICAO

Annex 14, Volume 1, & Aerodrome Design Manual

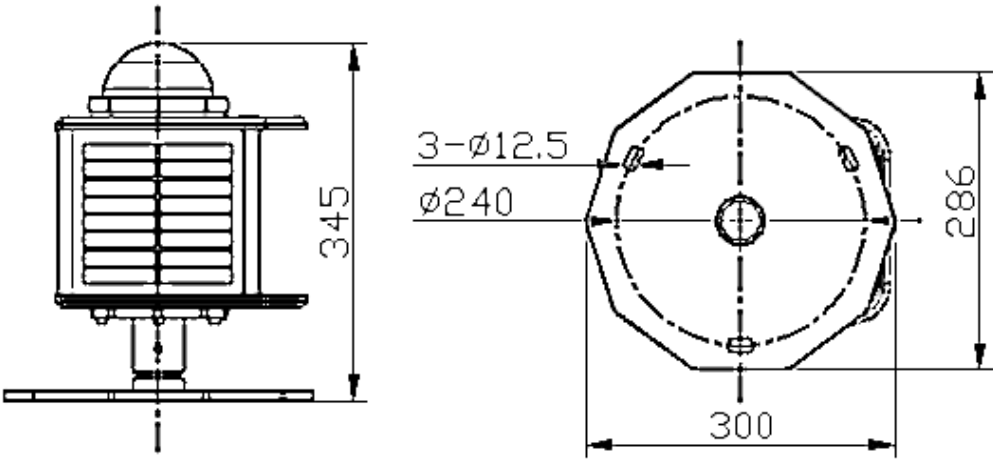
KEY FEATURES

- PC material red semi-transparent lampshade, with a unique optical reflector design, high light efficiency utilization;
- Imported LED light beads source, long life, low power consumption, high brightness, safe and environmentally friendly;
- Built-in modular circuit board design, anti-electromagnetic interference, safe and reliable, easy to maintain;
- The lamp body is made of lightweight aluminum alloy material, with good heat dissipation, small volume, light weight, sturdy, wear-resistant and corrosion-resistant;
- The lamp body structure design has two handles on the top and bottom, with a humanized large gap design, easy to carry;
- Monocrystalline silicon solar panel, with high energy conversion efficiency and long life;
- Customized power management chip, can effectively play the efficiency of the solar panel;
- Deep cycle special battery, can be used for a long time and is safe and reliable;
- Waterproof aviation charging socket reserved, convenient to use AC220V external charger for auxiliary charging (charging ≤5h can be fully charged);
- Infrared remote control can achieve the function of opening and closing the lamp at a short distance without contact, and can switch between constant light and flashing, light control and non-light control modes, and can achieve one-to-one and one-to-many remote control.

TECHNICAL DATA

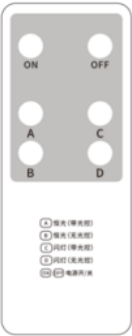
ITEM	Parameters	ITEM	Parameters
Light color	Red	Light Source Life	>100000h
Power	Solar/AC200V (charger required)	Protection Level	IP65
Consumption	≤0.6W	Effective Luminous Intensity	≥10cd
Flash Frequency	constant light or flashing 20 times per minute	Battery Type	Deep cycle lead-acid battery
Weight	10.5kg	Installation Dimensions	Ø 240×3 - M12.5
Continuous Operation Time in Overcast Days	≥7days	Static Storage Time	Two years (25°C±5°C)

DESIGN



Remote Control Main Features:

- Remote Control Distance: ≤2m, Operation Angle: Vertical: 0° ~ 80°, Horizontal: 360°;
- Power Supply: Powered by two AAA (7#) 1.5V batteries.



- A constant light (with light control function)
- B constant light (without light control function)
- C flashing 20 times per minute (with light control function)
- D flashing 20 times per minute (without light control function)
- ON Power ON
- OFF Power OFF

