



## Solar Airport Runway Light



**Wireless self-charging, over 5 year battery life.**

C&C Signal's Eclipse Series Solar powered Runway Lights offer solar charging performance never achieved before in these types of devices. In these new 360° LED runway lights we have added circuitry pioneered in our industry leading solar barricade lights.

Eclipse Series Solar Aviation Lighting Products benefit from patent pending circuitry that offers maximum charging under all lighting conditions including overcast or cloudy. No matter what light is available, our unit will always be charging.

The Runway Light features a high grade GE Lexan "Dust Cover" for quick wipe-down and protection.

This series of lights also have the option of being remote controlled using C&C Signals transceiver based RF encoded system. Not only can we talk to each light, but they can also talk back and give status if and when required. Infra-Red (IR) combination colored lights are also available on special request.

### Physical Characteristics

Size: 6 1/4" in height and 6 1/4" in diameter at the base

Lens & Body Material: GE Lexan LS2 with UV inhibitor

Cell Cover: Type: GE Lexan LS2 with UV inhibitor

Water Proof: IP6

Mount: Base accepts 1 inch NPT threaded pipe, 3 #10 Bolts or optional Magnet Mount.

### RF Option Characteristics

Distance: 2000 ft or greater / Control: Call for details

### Light Characteristics

Light Source: 4 (lens color matching) high intensity LED's

Available Colors: Red, Blue, White, Green, Amber and Split colors also available

Constant Intensity: Constant intensity in all modes and voltages

Peak Intensity: > 12cd (flashing) > 5cd (steady-on)

Visible Range: > 3.6km

Light Output: > 360° Horizontal and ± 10° Vertical Mode

Flash Patterns and Intensity Settings: 16 user programmable options

Battery Life: 5 to 8 years before requiring replacement

On/Off Switch: Water-proof switch

### Electrical Characteristics

Operating Voltage: 3.8 Volts

Run Time: 7-14 days Steady, >20 days Flashing

### Solar Supply Characteristics

Solar Cell: A single potted circular Multicrystalline cell

Output: > 4 watts (4x1watts)

Battery Type: replaceable C-LiFePO4 cell (a true green product)

Capacity: 4 x1200mAh for a total of 4800mAh (two battery option available)

Working Voltage: 2.7 volts to 3.8 volts

Conversion Efficiency: >90%

Part Number: SAR.360X

X: lens color

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