

Steady-Burning Red Obstruction Light

Model OB-249-LED Solar/Battery Powered

FAA L-810

This low intensity, omnidirectional, red obstruction light complies with the requirements of FAA L-810. The light consists of a precision 155mm red acrylic drum lens with a high flux LED array mounted at the focal point of the lens. The LED array approximates an incandescent point light source which couples to the lens with a high degree of efficiency. Operated at less than maximum input, the LED has a rated life on the order of 100,000 hours.

Technical data:

Lens: 155 mm aviation red, acrylic, fresnel lens.

Lamps: Compact, High Flux Red LED array. 100,000 hours rated life.

Photometric data:

Candlepower: Not less than 32.5 candela (peak) and 15 candela at +/- 5 degrees at 10.5 volts for 5 watts of input power. FAA Standards.

Beam: 360 degrees horizontal—not obstructed by standby optic. Uniform within 15%.

Aiming: Center of vertical beam is +10 degrees.

Mechanical Data:

Materials: Acrylic plastic lens, Lexan plastic housing, stainless steel fittings, stainless steel mounting inserts, silicone-rubber lens gasket.

Bottom Mounting: Four 5/8 inch diameter holes on 7 1/8 inch bolt circle.

Bird Spike provided at top of optic. Hinged at midpoint for relamping.

Electrical Data:

Input Power: 5 watts over the range of 10.7-30 Volts DC.

Supply: 12, 18, or 24 Volt Solar Power System. 12, 18, 24, or 28 Volt Power Supply with various AC inputs, or 12/24 Volt battery charger/battery bank.

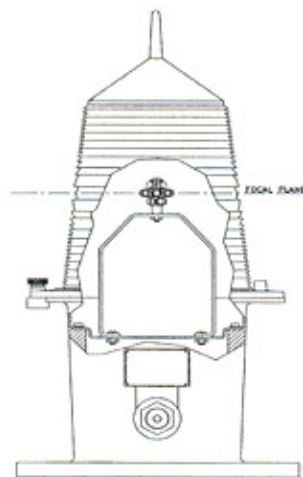
Features:

External Photocell Control mounted on 3/4 inch NPT plug.

Dimensions:

Height: 18 1/2 inches.

Weight: 6.5 lbs.



Shipping Volume: 2 cu ft. Shipping Weight: 10 lbs.

OB-249LED AVIATION LIGHT



Automatic Power Inc