

FLOB-249 LED FLASHING AVIATION LIGHT

This flashing, low intensity, omni directional, red/yellow obstruction light complies with the requirements ICAO Annex 14 6.3.12 for mobile objects. The lantern is an adaptation of the OB-249 LED which is ETL certified to FAA L-810. The light consists of a precision 155mm clear acrylic drum lens with a high flux LED array mounted at the focal point of the lens. The 3X4 LED array approximates an incandescent point light source which couples to the lens with a high degree of efficiency. At the regulated intensity the LED has a rated life on the order of 100,000. The light operates at 40 flashes per minute.

TECHNICAL DATA

- Lens: 155mm aviation clear, 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 10.5volts for 2.4 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

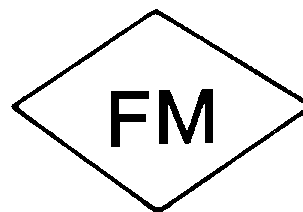
- Materials: Acrylic plastic lens, red polycarbonate plastic housing, stainless steel fittings, stainless steel mounting inserts, silicone rubber lens gasket.
- Bottom Mounting: Four 5/8 inch diameter holes on 7 1/8 inch bolt circle.
- Birds spike provided at top of optic. Hinged at midpoint for relamping.

ELECTRICAL DATA

- Input Power: 2.4 watts over the range of 10.7-30 volts DC.
- Supply: 12, 18 or 24 volt solar power system. 12, 18 or 24 volt power supply with various AC inputs, or 12/24 volt battery charger/battery bank.

DIMENSIONS

- Height: 18 1/2 in.
- Weight: 6.5 lbs.
- Shipping Volume: 2 cu. ft.
- Shipping Weight: 10 lbs.



Factory Mutual Approved in Lanterns rated for NEC Class I, Division II.