



POINT OBSTRUCTION LIGHTS POL LED TOWER SERIES

Compliances: ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C
 ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada
 ETL Listed to UL 1598 at -40 deg C to +55 deg C
 ETL Verified FAA L-810 to FAA AC 150/5345-43G at -55 deg C to +55 deg C
 Compliance to ICAO Annex 14 Low Intensity Types A & B
 Registered ISO 9001: 2008

The POL TOWER series of red LED aviation obstruction lights presents high grade technical features in an economical FAA approved obstruction light. POL steady-burning obstruction lights are used to mark tall structures that present hazards to air navigation. Use with an FAA photoelectric controller. The POL light heads are permanently sealed and not monitored. The peak beam of the POL-22001 is 53 candelas in red. The POL-22001 does not exceed **2.0 watts** per head.

Point Type	Power*	Specification	Color	Mounting	Style	Options
POL-22001	1: 96-250V AC 3: 12-48V DC	F: FAA L-810 & ICAO Types A/B	R: Red	34B: ¾-inch, Bottom 10B: 1-inch, Bottom M20B: Metric, Bottom SF: Slipfitter 2.375-in (60 mm)	S: Single D: Double S3: Single w/J-box	MT: Marine Treatment P: FAA PEC**

*AC voltage range is actual limit suitable for 50 or 60 Hz.
 DC range is specifically 10.8 to 52.8V.
 For mounting options and plan details, see file 0MOUNTINGS
 All details are available as AutoCAD files for insertion into project plans

POL-22001-1F-R-34B-S
 SINGLE OBSTRUCTION LIGHT

POL-22001-1F-R-34B-D
DOUBLE OBSTRUCTION LIGHT



POL-22001-1F-R-34B-D-MT
DOUBLE OBSTRUCTION LIGHT WITH MARINE TREATMENT



Option -MT: Marine Treatment

The fixture shall be treated for marine conditions by cleaning per US Department of Defense TT-C-490 method III, pretreated with chrome-free aluminum conversion coating per US MIL-C-5541 type II, epoxy powder base coat primer and glossy polyester powder coat finish in color RAL 6003 (FED-STD-595 color #14097) dark green. Powder coating per US Department of Defense MIL-PRF-24712A type VI and oven cured.

Important Note: No alarm monitoring possible; no alarm line; no transfer.

Weight:	Single	3.5 lbs	1.6 kg
	Double	11.8	5.4
Power: (per head)	120V	1.9 watts	5.0 VA
	220V	2.0	5.4
	12-24V	0.8	0.8
	48V	0.9	0.9

