



POINT OBSTRUCTION LIGHTS POL LED TOWER SERIES & PORTABLE SOLAR LIGHT

Compliances: ETL Verified FAA L-810 to FAA AC 150/5345-43H at -55 deg C to +55 deg C
Compliance to ICAO Annex 14 Low Intensity Types A & B
Registered ISO 9001: 2015

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	SOL: Solar SOLX: Solar NC: NVG Comp. P: FAA PEC** PM: Post Mount^ MT: Green Marine Treatment

* 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 project plans.
FAA approved "lamp" number 630.

** Requires -D or -S3
^ Bracket for U-bolts; page 2

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



POL-22001-3F-R-SOL-FP
Portable Solar Powered Light
with option -FP Foot Plate



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



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

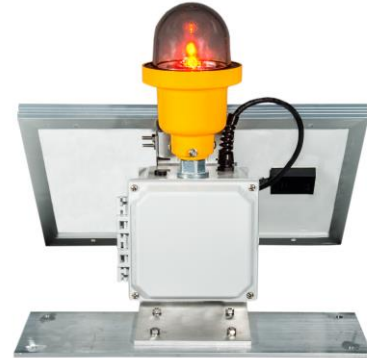
Includes our standard yellow Marine Treatment finish which tolerates marine, high salt content air and other corrosive environments. The FAA specified finish used by competitors flakes and fails in a short time under such conditions. Point Lighting Marine Treatment: *The fixture shall be treated for 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. Powder coating per US Department of Defense MIL-PRF-24712A type VI and oven cured.*





POINT OBSTRUCTION LIGHTS POL LED TOWER SERIES & PORTABLE SOLAR LIGHT

POL-22001-3F-R-SOL-FP
Portable Solar Powered Light
Ships complete as shown



- ➔ FAA L-810 approved
- ➔ Autonomy is 7.3 days (battery capacity without sun)
- ➔ For any location in the world. See solar insolation chart below.
- ➔ Includes carry handle
- ➔ May be screwed down to a flat surface or clamped
- ➔ No switching required; operates automatically all night & turns off in the morning

Solar Insolation Value Required:

	<u>Non-NC</u>	<u>-NC*</u>
POL-SOL	> 1.2	> 2.0
POL-SOLX	> 0.8	> 1.2

* Option -NC adds an infrared LED for NVG compatibility

POL-22001-1F-R-34B-SOL-PM
SINGLE OBSTRUCTION LIGHT
WITH OPTION -PM POST MOUNT



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	

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