



POINT OBSTACLE LIGHTS

PRL-AX LED

ATEX ZONES 1 & 2

Compliances: IECEx Listed: Ex eb mb IIC T5 Gb -55 to +55-deg C
 ATEX Listed: II 2 G Ex e mb IIC T5 Gb
 Notified Body: SGS Fimko Oy NB# 0598
 Tested & Certified to IP66, IP67 & IP69 Ingress Protection
 Certified to ICAO Annex 14, Vol. I, Ed. 9 Low Intensity Types A (10 cd) B (32 cd)
 Certified to FAA AC 150/5345-43H L-810(L)
 Certified to Transport Canada CAR 621 CL-810
 UK CAP 168 Low Intensity Group A (10 cd)
 American Bureau of Shipping (ABS) Type Approved Product



The PRL-AX red LED aviation obstruction light presents the highest grade technical features used as steady-burning to mark tall structures that present hazards to air navigation. The PRL-AX-LSM is an 8-inch diameter surface mounted light *less than 6-inches high*. The PRL-AX-PLS is a bottom entry light supported on vertical conduit. Standard with our marine treatment finish and internal & external ground lugs. Suitable for use for all gas groups in Zone 1 and Zone 2 areas.

Point Type	Voltage	Array	Color	AX*	Mounting
PRL-97004 	1: 120v	B: Obstacle	R: Red	AX-NC: Zone 1 & Zone 2 * Includes NVG Compatibility	10B-PLS: Bottom entry 1-inch NPT
	2: 220v				M25B-PLS: Bottom entry M25
	3: 12v DC				LSM: Side entry 2 x 1-inch NPT
	4: 24v DC				LSM-34: Side entry 2 x 3/4-inch NPT

PRL-97004-2B-R-AX-NC-LSM



For double, use -LSM & bracket kit PL11691
 For single wall mount, use -LSM & PL11562

For standalone, add external units:
 PL10760-AC-S2-AX Alarm, single
 PL10760-AC-D2-AX Transfer & Alarm^
 ^ For use with two PRL's

For use with POC system controller, PL10760 is not required. Monitoring is in the POC.

Intensity: Minimum of 60 candelas in red from 1 to 12-deg vertical in 360-deg horizontal.

PRL-97004-2B-R-AX-NC-M25B-PLS



T ambient: -55 deg C to +55 deg C
 Operating: -55 deg C to +55 deg C
 Frequency: 50/60 Hz

The Marine Treatment finish is used for all marine, high salt content air and other corrosive environments.

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.

Code	Type	Voltage	Frequency	Watts	VA
-1B	Array B	120 AC	50/60 Hz	6.9	8.3
-2B	Array B	220 AC	50/60 Hz	7.6	12.1
-3B	Array B	12 DC	---	6.8	---
-4B	Array B	24 DC	---	6.6	---

Above includes infrared LED for NVG compatibility
 The operating range for 120v units: 93 - 144v; for 220v units: 176 - 250v
 Weight: 10.2 lbs 4.6 kg PRL-AX-PLS

