POINT LIGHTING CORPORATION

POINT OBSTACLE LIGHTS
PRL-AX-LSM LED
ATEX ZONES 1 & 2

Compliances:

- IECEx Listed: Ex eb mb IIC T5 Gb -55 to +55-deg C
- ATEX Listed: ⟨Ex⟩ 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   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

ISOQAR QUALITY ASSURED ISO 9001 10604

IEC IECEx

The PRL-AX-LSM 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.* 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.
No alarm monitoring and no flashing.   Standard with 2 x 1-inch NPT at entries 0 & 180-degrees

Point Type	—	Voltage	Array	—	Color	—	AX	—	Mounting	—	Options
PRL-97004		1: 120v	B: Obstacle		R: Red		AX: Zone 1		LSM: Low Surface		M20: Metric M20
		2: 220v					& Zone 2		Mount		M25: Metric M25
		3: 12v DC									
		4: 24v DC									

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

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.

ABS TYPE APPROVED PRODUCT   MADE IN USA   CE

Code	Type	Voltage	Frequency	Watts*	VA*
-1C	Array B	120 AC	50/60 Hz	2.2	3.5
-2C	Array B	220 AC	50/60 Hz	2.5	5.8
-3C	Array B	12 DC	---	2.1	---
-4C	Array B	24 DC	---	2.5	---

⟨Ex⟩

The operating range for 120v units: 93 - 144v; for 220v units: 176 - 250v