


POINT ROLLOVER LIGHTS PRL-AX-SR LED v4 ATEX ZONE 1 & 2

Compliances: IECEx Listed: Ex eb mb IIC T5 Gb -55 to +55-deg C, IP66 & IP67

ATEX Listed:  II 2 G Ex e mb IIC T5 Gb

Notified Body: 0518 Sira Testing & Certification Ltd.

UK CAA CAP 437 ed. 8 (2016), Chapter 4 & Appendix C

Registered ISO 9001:2015

American Bureau of Shipping (ABS) Type Approved Product

IMO 2009 MODU Code (2010) paragraph 13.5.20

Mechanical Load Tested by Intertek to CAP 437 para. 4.2.3 & 5.2.3

ICAO Annex 14, Volume II



The PRL-AX-SR LED Point Rollover Light is a semiflush light used for metal helidecks on the perimeter.

- The castings are copper-free (< 0.25%) aluminum.
- Hardware & SR base are 316 (A4) stainless steel.
- 24mm height complies with 2016 CAP 437.
- Standard with the exclusive Point Lighting Marine Treatment finish that is bonded to the metal and far exceeds the corrosion resistance of the standard FAA approved finish. See below.
- Six (6) years limited warranty subject to Point Lighting "Terms & Conditions of Sale".

Note: Minimum opening in the helideck is 232mm (9.125 inches) diameter round opening.

Point Type	— Voltage	Array	— Color	— AX	— Mounting	— Base & Options
PRL-97004	1: 120v 2: 220v 3: 12v DC 4: 24v DC	C: Helideck	G: Green Y: Yellow W: White B: Blue R: Red	AX: ATEX & IECEx Zone 1 Zone 2	SR: Seating Ring Stainless Steel	PLS: Base 4-inch PLB: Detail H51* NC: NVG** Compatibility

Listed: SIRA 10ATEX5240X
IECEx SIR 15.0110X

Note: Array C brightness exceeds ICAO Annex 14 & meets CAP 437

* See file 0MOUNTINGS

** For use with visible (non-IR) array; adds IR LEDs.

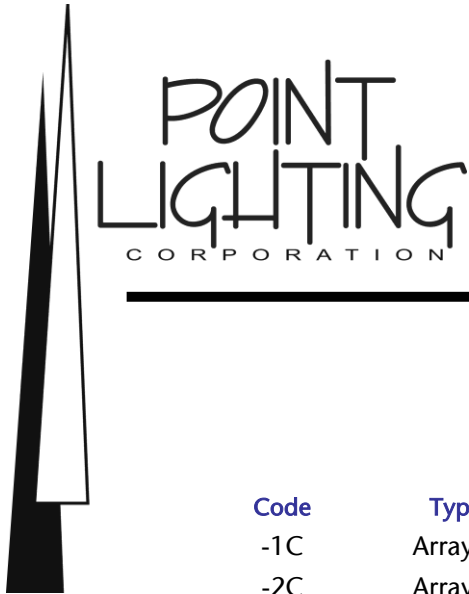
T ambient: -55 to +55 deg C
Operating: -55 to +55 deg C
Frequency: 50/60 Hz
LED average life: 100,000 hours
Ingress Rating: IP66 & IP67

PRL-97004-2C-G-AX-SR-PLS
FOR OFFSHORE METAL HELIDECKS
REQUIRED BASE NOT SHOWN

Our Marine Treatment tolerates 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.





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POWER CONSUMPTION

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

Option -NC Add 1.0 watt and 1.1 VA

*Power consumption for AC units includes the effect of the unit's power factor which accounts for the difference between watts and volt-amperes. Measurements were made at the nominal AC voltages. The operating range for 120v units is 93 - 144v. The operating range for 220v units is 176 - 250v.

Replacement Parts

Instruction Sheet: IS97004-AX-SR

Projection: 0.944 (24)
(above deck)

Weight: lbs kg
with -PLS 20.0 9.1
with -PLB 23.0 10.4

The optical subassembly is not serviceable in the field. Contact Point Lighting for more information.

PL10049-4-6-AX Gasket, Base
PL10524-1 Screw, Socket Head
PL11150-1 Screw, Socket Head
(with base)
PL10860 Tool, T-handle wrench



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