




# 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  
 Tested & Certified to IP66, IP67 & IP69 Ingress Protection  
 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

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 & IP69

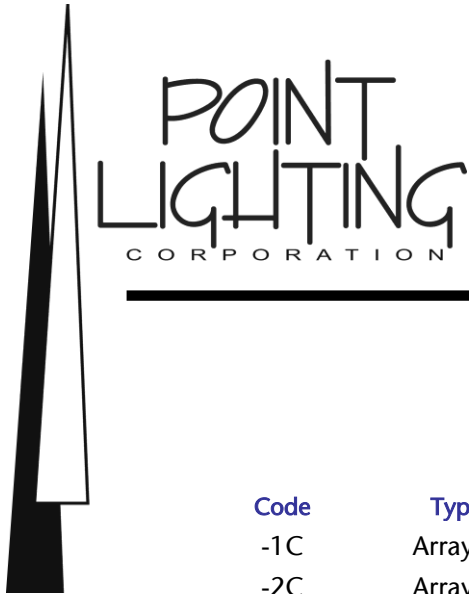
Note: Array C brightness exceeds ICAO Annex 14 & meets CAP 437  
 \* See file 0MOUNTINGS  
 \*\* For use with visible (non-IR) array; adds IR LEDs.

**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.*





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

## 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



## POINT LIGHTING CORPORATION

Mail: P.O. Box 686, Simsbury, CT 06070  
Tel 01 860.243.0600  
email: [Info@PointLighting.com](mailto:Info@PointLighting.com)

Plant: 61-65 W. Dudley Town Rd, Bloomfield, CT  
USA Fax 01 860.243.0665  
website: [www.PointLighting.com](http://www.PointLighting.com)