



POINT ROLLOVER LIGHTS PRL-SR LED v4 HELIDECK SEMI-FLUSH LIGHT

Compliances: ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C
 ETL Listed per UL 844 & UL 1598
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 ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada
 Registered ISO 9001:2008
 UK CAA CAP 437
 Mechanical Load Tested by Intertek to CAP 437 para. 4.2.3 & 5.2.3
 IMO 2009 MODU Code (2010) paragraph 13.5.20
 American Bureau of Shipping (ABS) Type Approved Product

The PRL-SR Point Rollover Light is a semi-flush LED light used for metal helidecks on the TLOF and/or the FATO perimeter used for helideck TLOF and the thick glass dome lens passed the impact test per IEC 60079-0:2007. The lens and optical assembly are sealed mechanically. Standard with our marine treatment. The seating ring mounting flange and all external hardware is grade 316 (A4) stainless steel.

Note: Minimum opening in the helideck is 232mm (9.125 inches) diameter round opening.
 Note: 24mm height complies with 2012 Cap 437

Point Type	Voltage	Array	Color	Mounting	Options
PRL-97004	1: 120v 2: 220v 3: 12v DC 4: 24v DC	H: Heliport C: CAP 437	G: Green Y: Yellow W: White B: Blue R: Red	SR: Seating Ring Stainless Steel	PLB: Base 10-inch* PLS: Base 4-inch* NC: NVG** Compatibility MTY: MT Yellow MTW: MT White



Note: Array H brightness exceeds ICAO Annex 14
 * Standard with 2 x 1-inch NPT entries at 0 & 180-degrees.
 ** For use with visible (non-IR) array; adds IR LEDs.

The PRL v4 H array is 4.5 watts at 120-220V
 The PRL v4 C array is 7.4 watts at 120-220V
 The green Marine Treatment finish is standard.

PRL-97004-2C-Y-SR-MTY
PRL WITH MARINE TREATMENT YELLOW



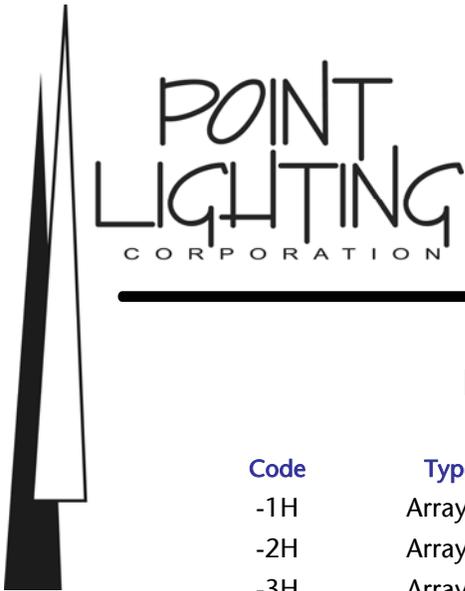
PRL-97004-2H-G-SR
FOR OFFSHORE METAL HELIDECKS



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 MIL method III of TT-C-490, chromate priming per US MIL-C-5541, epoxy powder base coat and glossy polyester powdercoat finish coat. Oven cured per US MIL-PRF-24712A.





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PRL-SR LED v4
HELIDECK SEMI-FLUSH LIGHT**

POWER CONSUMPTION

Code	Type	Voltage	Frequency	Watts*	VA*
-1H	Array H	120 AC	50/60 Hz	4.5	5.24
-2H	Array H	220 AC	50/60 Hz	4.5	5.47
-3H	Array H	12 DC	---	4.0	---
-4H	Array H	24 DC	---	4.0	---
-1C	Array C	120 AC	50/60 Hz	7.4	8.4
-2C	Array C	220 AC	50/60 Hz	7.4	8.0
-3C	Array C	12 DC	---	6.2	---
-4C	Array C	24 DC	---	6.0	---

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.

Point Lighting Corporation recommends return for factory repair and refurbishment of LED PRL lights

Instruction Sheet: IS97004-SR

LED Life (hours): 100,000

Projection: 0.944 (24)
(above deck)

Weight:	lbs	kg
without base	15.0	6.8
with -PLS	20.0	9.1
with -PLB	23.0	10.4

Replacement Parts

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

- PL10049-4-6 Gasket, Base
- PL10524-125 Screw, Socket Head (with base)
- PL10524-175 Screw, Socket Head (without base)
- PL10860 Tool, T-handle wrench



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