## Point Rollover Lights
### PRL-SR LED v4
#### Helideck Semi-Flush Light

<table>
<thead>
<tr>
<th>Point Type</th>
<th>Voltage</th>
<th>Array</th>
<th>Color</th>
<th>Mounting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRL-97004</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1: 120v</td>
<td>C: Heliport</td>
<td>G: Green</td>
<td>SR: Seating Ring</td>
<td>PLB: Base 10-inch*</td>
<td></td>
</tr>
<tr>
<td>2: 220v</td>
<td></td>
<td>Y: Yellow</td>
<td>Stainless Steel</td>
<td>PLS: Base 4-inch*</td>
<td></td>
</tr>
<tr>
<td>3: 12v DC</td>
<td></td>
<td>W: White</td>
<td></td>
<td>NC: NVG**</td>
<td></td>
</tr>
<tr>
<td>4: 24v DC</td>
<td></td>
<td>B: Blue</td>
<td></td>
<td>Compatibility</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>R: Red</td>
<td></td>
<td>CC: Cable Loop 2m</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>VB: Variable Brightness</td>
<td></td>
</tr>
</tbody>
</table>

Note: Array C brightness exceeds ICAO Annex 14 & meets CAP 437
* Standard with 2 x 1-inch NPT entries at 0 & 180-degrees.
** For use with visible (non-IR) array; adds IR LEDs.

The seating ring and all external hardware is grade 316 (A4) stainless steel.
Optical subassembly castings are copper-free (< 0.25%) heat treated aluminum.

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.

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Compliances:
- ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C, IP66 & IP67
- ETL Listed per UL 844 & UL 1598
- ETL Listed to UL 1598A Marine Vessels at -40 deg C to +55 deg C
- ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada
- Registered ISO 9001:2015
- FAA AC 150/5390-2B Heliport Design Guide
- ICAO Annex 14, Volume II
- UK CAA CAP 437 ed. 8 (2016), Chapter 4 & Appendix C
- Mechanical Load Tested by Intertek to CAP 437 para. 4.2.3 & 5.2.5
- 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. Note: Minimum opening in the helideck is 232mm (9.125 inches) diameter round opening. Note: 24mm height complies with CAP 437.
**POWER CONSUMPTION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Watts*</th>
<th>VA*</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1C</td>
<td>Array C</td>
<td>120 AC</td>
<td>50/60 Hz</td>
<td>2.2</td>
<td>3.5</td>
</tr>
<tr>
<td>-2C</td>
<td>Array C</td>
<td>220 AC</td>
<td>50/60 Hz</td>
<td>2.5</td>
<td>5.8</td>
</tr>
<tr>
<td>-3C</td>
<td>Array C</td>
<td>12 DC</td>
<td>---</td>
<td>2.1</td>
<td>---</td>
</tr>
<tr>
<td>-4C</td>
<td>Array C</td>
<td>24 DC</td>
<td>---</td>
<td>2.5</td>
<td>---</td>
</tr>
</tbody>
</table>

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

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