The PRL-AX LED Point Rollover Light is a 12-inch diameter semiflush light used for metal helidecks on the TLOF and/or the FATO perimeter used for ATEX Zone 1 & 2 helideck TLOF and FATO applications. The PRL may be dropped into a hole cut in the metal deck and secured with six screws on a 10-⅝ inch bolt circle. 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 finish and internal & external ground lugs on the PLB base. Standard with 2 x 1-inch NPT at entries 0 & 180-degrees. Suitable for use for all gas groups in Zone 1 and Zone 2 areas. Note: Minimum opening in the helideck is 207mm per side square opening or minimum 222mm diameter round opening.

Point Type — Voltage | Array | Color | AX | Mounting | Options
--- | --- | --- | --- | --- | ---
PRL-97704 | 1: 120v ^  | C: Helideck | G: Green | ATEX & IECEx | PLB: Base 254mm | M20: Metric M20
2: 220v | | | Y: Yellow | IECEx | PLS: Base 102mm (base depth) | M25: Metric M25
3: 12v DC | | W: White | Zone 1 | | NC: NVG** Compatibility
4: 24v DC | | B: Blue | Zone 2 | | |

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

Note: Array C brightness exceeds ICAO Annex 14 & meets CAP 437.
** For use with visible (non-IR) array; adds IR LEDs.
^ Operates properly using 110v DC and 125v DC.

PRL-97704-2C-G-AX-PLB
FOR OFFSHORE METAL HELIDECKS

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-5547 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.

All external hardware is grade 316 (A4) stainless steel.
Metal castings are copper-free (< 0.25%) heat treated aluminum.

HL-1.0.9 May, 2018
**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.

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**Instruction Sheet:** IS97704-AX

**Projection:**
1.63 (41)
(above deck)

**Base Diameter:**
8.0 (203)

**PLB Depth:**
10.0 (254)

**PLS Depth:**
4.0 (102)

**Weight:**
17.0 lbs 7.7 kg

**Volume:**
0.37 ft³ .013 m³

**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
- PL10860 Tool, T-handle wrench

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**Point Lighting Corporation**

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Tel 01 860.243.0600
email: Info@PointLighting.com

Plant: 61-65 W. Dudley Town Rd, Bloomfield, CT USA
Fax 01 860.243.0665
website: www.PointLighting.com