

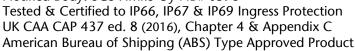
POINT HELIDECK LIGHTS PRL LED AX ATEX-IECEX ZONE 1 & 2

Compliances:

IECEx Listed: Ex eb mb IIC T5 Gb -55 to +55-deg C



ATEX Listed: W II 2 G Ex e mb IIC T5 Gb Notified Body: SGS Fimko Oy NB# 0598



Transport Canada TP14371, AGA 7.17 FAA AC 150/5390-2 Heliport Design Guide

ICAO Annex 14, Volume II





The PRL LED Point Rollover Light is used for heliport lighting applications where an inset light is required. It provides better visibility and circling guidance than comparable incandescent lights. The thick glass dome lens passed the impact test per IEC 60079-0:2007. Standard with our marine treatment finish and internal & external ground lugs. Suitable for all gas groups in Zone 1 and Zone 2 areas.

See 0MOUNTINGS details H09 & H11

PLS bases are standard with 2 x 1-inch NPT at entries 0 & 180-deg

| Point Type — | - Voltage | Array — | Color — | AX — | Mounting — | Options |
|--------------|----------------------------------------------|-------------|----------------------------------|-----------------------------------------|-----------------|-----------------------------------------------------------------|
| PRL-97004 | 1: 120v 2: 220v 3: 12v DC 4: 24v DC | C: Heliport | Y: Yellow W: White B: Blue | AX: ATEX & IECEx Zone 1 Zone 2 | PLS: Base 127mm | M20: Metric M20 M25: Metric M25 NC: NVG Compatibility* |
| | | | D D I | | | |

R: Red

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

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

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.

All external hardware is grade 316 (A4) stainless steel.

Metal castings are copper-free (< 0.25%) heat treated aluminum.





PRL-97004-2C-G-AX-PLS



Note: The PLS base is required for ATEX-IECEx certification.









POINT HELIDECK LIGHTS PRL LED AX 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 | |
| | Ontion –NC | Add 1.0 wat | t 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.



Instruction Sheet: IS97004-AX-LSM

Housing Dia: 8.0 (203)
Height: 5.75 (146)
Bolt Circle (4): 9.75 (248)
Bolt Hole diam: 0.406-inch 10.3 mm

Weight: 12.0 lbs 5.5 kg

Replacement Parts

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

PL10049-4 Gasket, Base

PL10524-125 Screw, Socket Head

PL10860 Tool, T-handle wrench











POINT LIGHTING CORPORATION

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