

POINT SURFACE FLOODLIGHT PSF LED HELIPORT FLOODLIGHT

Compliances: ETL Listed to UL1598 Wet Locations
 ETL Listed to CSA C22.2 No. 250.0-08 Canada
 Registered ISO 9001:2008
 ICAO Annex 14, Volume II
 International Maritime Organization (IMO) MODU Code 2001, para 13.5
 ABS Green Passport per MEPC179 (59)

The PSF-53025 is an LED medium intensity ground level surface mounted helipad and helideck floodlight. The purpose of the PSF is to provide cones of light "washing" the landing surface that provides improved conspicuity and depth perception to the pilot. The PSF floodlight housing is heavy duty cast aluminum with a strong cast aluminum cover. The unit includes a complete glare shield for the two (2) LED flood lamps. A ground lug is included. The PSF is powdercoat painted aviation yellow for corrosion resistance that meets the US Military Standard Salt Fog Test conducted per MIL-STD-810F, Method 509.4, Procedure I, paragraph 4.5.2. Standard entry is on 3/4-inch NPT at rear wall.

Point Type — Voltage — Options

PSF-53025

- 1: 120 volts ±5%
- 2: 220-240 volts
- 4: 12/24 volts DC
- 8: 130 volts

- MT: Marine Treatment**
- 10: 1-inch NPT
- M20: Metric threaded entry
- M25: Metric threaded entry
- PLS: Shallow Base as Junction Box*
- PLB: Base as Junction Box*
- SNP: Safety Net Plate^

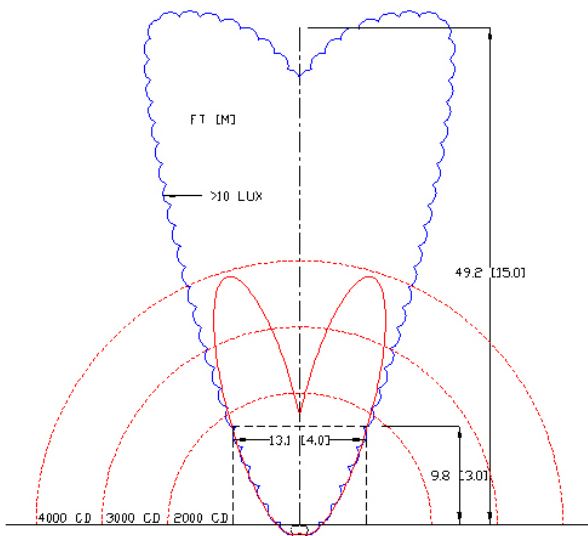


* Includes PSF baseplate with 3/4-inch NPT entry. Cable, conduit, fittings by others
 Base has 2 x 1-inch NPT entries at 0 & 180 deg.
 ^ Includes SS mounting hardware for PSF only.

** Option -MT: 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 final coat of glossy polyester powdercoat in color RAL 6003 (FED-STD-595 color #14097) dark green. Oven cured per US MIL-PRF-24712A.

PSF-53025-1-MT

PHOTOMETRIC DIAGRAM



ETL Control Number 3030033

Note: For aircraft safety, we recommend that this type of light be installed outside the markings of the landing surface defined FATO perimeter.





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PSF-53025



Instruction Sheet: IS53025
Lamp Life (hours): 50,000

Note: Shipped with two (2) LED flood lamps

Weight: 22 lbs 10 kg
Dimensions: 16.5 D 18.5 W 6.98 H
(419) (470) (177)

For mounting options & plan details, see file 0MOUNTINGS

Bolt Pattern: Four (4) holes for 3/8-16 screws
Arranged on 2.50 x 15.25-inches
Cable Entry: One (1) 3/4-inch NPT threaded
(Standard) hole for conduit or cable gland
(by others)

Detail of Clamp Ring,
Clear Lens & Gaskets
Subassembly



Replacement Parts

PL11003-1	Lamp, 16w LED 120v
PL11003-2	Lamp, 16w LED 230v
PL11006-3	Lamp, 9w LED 12/24v DC
PL11003-8	Lamp, 12w LED 130v
PL10737	Socket & Bracket Assembly (2)
PL10567	Terminal Block
PL10523-C	Lens, Clear (2)
PL10735	Gasket, Lens Seal (2)
PL10798	Clamp Ring (2)
PL10735-1	Gasket, Clamp Ring (2)

The two floodlight beams are positioned so the centerlines are 30-degrees apart.

The fixture should be installed so the fixture centerline is directed at the center of the heliport.

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