



POINT SURFACE FLOODLIGHT PSF HELIPORT FLOODLIGHT

Compliances: ETL Listed to UL1598 Wet Locations
 ETL Listed to CSA C22.2 No. 250.0-04 Canada
 International Maritime Organization (IMO) MODU Code 2001, para 13.5

The PSF-53005 is a medium intensity 120 or 220-240 volts ground level surface mounted helipad and helideck floodlight intended to "wash" the pad with light. 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 is not intended to provide an even footcandle level across the pad. When that is desired, use general area floodlighting.

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) 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-810E, Method 509.3, Procedure I.

Point Type	— Voltage	— Options
PSF-53005	1: 120 volts 2: 220-240 volts 3: 12 VDC (LED) 4: 24 VDC (LED)	L: LED Floodlamps MT: Marine Treatment** PLB: Base as Junction Box* PLS: Shallow Base as Junction Box* CF: Cable Fitting



* Includes baseplate with 3/4-inch NPT entry. Cable, conduit, fittings by others

** 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.

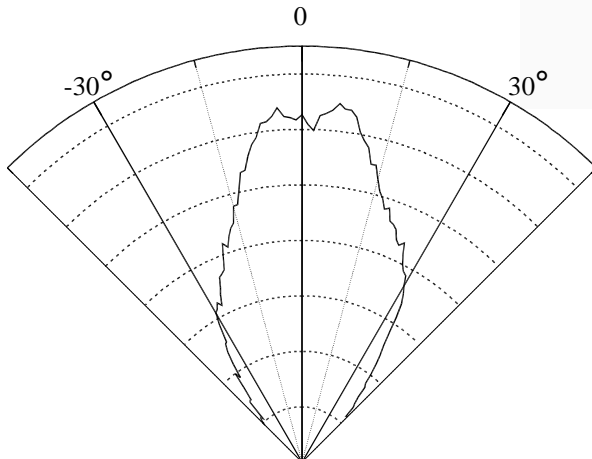
ETL Control Number 3030033

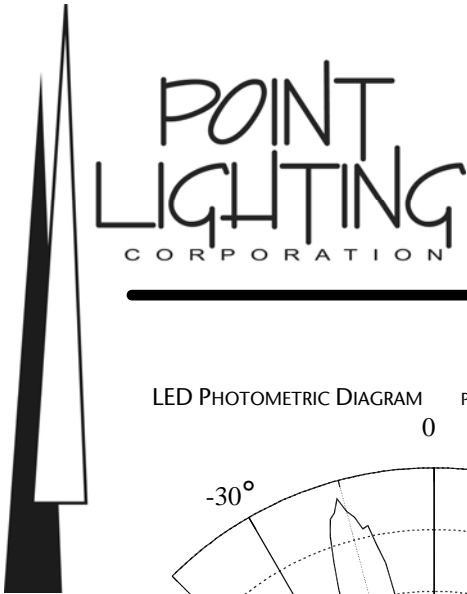
Note: For aircraft safety, we recommend that this type of light be installed set back from the defined landing surface marked FATO perimeter.

PSF-53005-1-MT



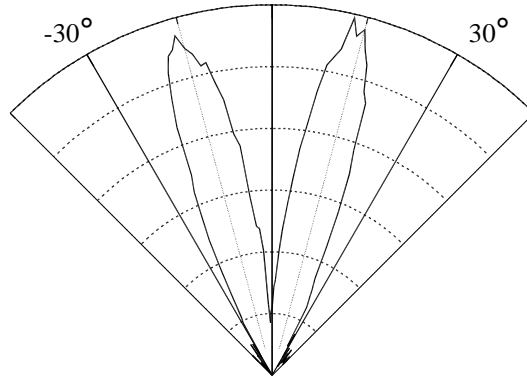
PHOTOMETRIC DIAGRAM PEAK BEAMS: 3200 candelas





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LED PHOTOMETRIC DIAGRAM PEAK BEAMS: 1500 candelas
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PSF-53005-1-L



Note: Shipped with two (2) halogen floodlamps
120v: 90 watts 230v: 120 watts

For mounting options & plan details, see file 0MOUNTINGS

Instruction Sheet: IS53005
Lamp Life (hours): 2,000 Halogen
50,000 LED
Weight: 22 lbs 10 kg
Dimensions: 16.5 D 18.5 W 6.98 H
(419) (470) (177)
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
hole for conduit or cable gland
(by others)

Detail of Clamp Ring,
Lamp & Gaskets
Subassembly



The two floodlamps are positioned so the beam centerlines are 30-degrees apart.

Replacement Parts

PL10736	Lamp 90w Halogen 120v
PL10736-1	Lamp 120w Halogen 230v
PL10718	Lamp 5.6w LED 120v
PL10718-1	Lamp 7.7w LED 230v
PL10737	Socket & Bracket Assembly
PL10567	Terminal Block
PL10735	Gasket, Lamp Seal
PL10798	Clamp Ring
PL10735-1	Gasket, Clamp Ring

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