



# POINT SURFACE FLOODLIGHT PSF LED

## COMBINATION SURFACE FLOODLIGHT & PERIMETER LIGHT

Compliances: ETL Listed to UL 1598 US & CSA C22.2 No.250.0 Canada

The PSF-57203 elevated LED light marks the perimeter (FATO) of a heliport and has a ground level surface mounted helipad floodlight intended to "wash" the landing surface with light. The purpose of the PSF is to provide 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) 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	Color	Array	Options
PSF-57203	1: 120v	Y: Yellow	H: Level 6	L: LED Floodlamps
	2: 220v	G: Green	P: Level 4	MT: Marine Treatment
		B: Blue	A: Level 3	CF: Cable Fitting
		C: Clear	F: Level 8	VB: Variable Brightness
		R: Red		Use with VB PHC controller



PSF-57203-1-G-P-L



**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.

**Option -VB:**

The floodlight lamps are fixed brightness; -VB applies to the perimeter light that is separately circuited.

Note: For aircraft safety, this type of light should be installed set back at least 2m from the defined landing surface marked FATO perimeter.

Note 1: Array H brightness exceeds ICAO Annex 14  
 Note 2: Shipped with two (2) halogen floodlamps  
 120v: 90 watts    230v: 120 watts

For mounting details, see file 0MOUNTINGS

Instruction Sheet:	IS57203			
Floodlamp Life (hours):	50,000 LED	2,000 Halogen		
Weight:	26 lbs	11.8 kg		
Dimensions:	18 D	16.5 W	14.3 H	inches
	(457)	(419)	(364)	mm
Bolt Pattern:	Four (4) holes for 3/8-16 screws Arranged on 2.50 x 15.25-inches			

Replacement Parts	
PL10718	Lamp 5.6w LED 120v
PL10718-1	Lamp 7.7w LED 230v
PL10736	Lamp 90w Halogen 120v
PL10736-1	Lamp 120w Halogen 230v
PL10737	Socket & Bracket Assembly
PL10735	Gasket, Lamp Seal
Note: The LED perimeter light is factory sealed.	