

POINT SURFACE FLOODLIGHT PSF LED HELIPORT LOW PROFILE FLOODLIGHT SAFE AREA & HAZARDOUS AREA

Compliances: ETL Listed to UL 844 (option -EX) & UL 1598
 ETL Listed to UL 1598A Marine Vessels, IP66 & IP67**
 ETL Listed to CSA C22.2 No. 250.0:2008 Canada
 ETL Listed to CSA C22.2 No. 137:2018 (option -EX)
 ETL Listed Class I, Division 2, Groups A, B, C, D, T5 (option -EX)
 ETL Listed Class I, Zone 2, Groups IIA & IIB+H, IIC, T5 (option -EX)
 Registered ISO 9001:2015
 ICAO Annex 14, Volume II, Heliports, 5.3.9
 American Bureau of Shipping (ABS) Type Approved Product

The PSF-5306x is a well-controlled very low height LED surface mounted helipad and helideck floodlight. The fixture's beam is narrow vertically and cutoff by the visor. The horizontal beam is effective over more than 120-degrees wide. The purpose of the PSF is to provide light "washing" the landing surface that provides improved conspicuity and depth perception to the pilot. There is a cable loop that exits the rear of the floodlight. It may be installed as a 2-inch height light directly on the surface or trunnion mounted from greater elevation. Standard with visor, adjustable L-brackets and black anodized finish.

Point Type

PSF-53063-6 AC only: 96-305V, 50/60 Hz & High Intensity
 PSF-53062-3 DC only: 10.8-26.4V & Medium Intensity

PSF-53063-6 HIGH INTENSITY



	PSF-53062	PSF-53063
Intensity:	2,052 lumens	4,725 lumens
Peak:	6,977 candelas	14,175 candelas
Power:	21.3 W (DC)	32.2 W 34.1 VA (AC)
Horizontal Beam % of Peak at +/-30 deg:	70%	
Horizontal Beam % of Peak at +/-45 deg:	35%	
Horizontal Beam % of Peak at +/-60 deg:	10%	
LED rated average life:	100,000 hours	
Rated color temperature:	6,500 Kelvin	
Temperature Range:	-40 to +55 deg C	
Frequency:	50/60 Hz	
Ingress Rating:	IP66 & IP67 **	
Weight:	8.0 lbs (3.6 kg)	

L-brackets will adjust overall height to between 2.0 & 2.6-inches. The beam angle may be adjusted vertically between +15 degrees & -15 degrees.

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

Metal castings are copper-free (< 0.2%) heat treated aluminum.

Options (see Mounting Options page 2)

V: Visor, 6-inch projection (required)
 T: Trunnion Mount
 SF: Slipfitter, Stainless Steel*
 2P: Frangible Coupling, EMT*
 WW: Walkway Light, Reduced Intensity
 BOL: Portable Battery Powered DC
 SOL: Portable Solar Powered DC***
 JBX: External Junction Box Class I, Div 2
 EX: Class I, Division 2 (Zone 2)
 PSF-53063 only
 RF: Wireless switching by handheld device^

^ For PSF-BOL battery light only
 * Requires option -T
 ** PSF-53063 is IP67; both are IP66
 *** PSF-53062-3 with wireless ON-OFF operation

PSF-53063-6-T-PLS



MOUNTING OPTIONS

---	Basic <2-inch (50 mm) height with cable loop	T	Trunnion only; Frangible; screw to surface Detail H38
T-JBS	Junction Box, Surface with Trunnion Detail H40	T-JBP	Junction Box, Parapet-Wall; Side Entry (2) Detail H41
T-PLS	Inpavement Base; Frangible Detail H39	T-JBC	Junction Box, Parapet-Wall; Bottom Entry Detail H42
PLS	Inpavement Base behind 2-inch PSF Detail H64	T-JB	Trunnion; Frangible; Surface Junction Box Detail H61
		JB	Junction Box, Wall with 2-inch PSF Detail H63
-2P-PLS	FAA 2" Coupling for Extended Height; Frangible Use with 2" EMT (Requires -SF) Detail H43	-2P	FAA 2" Coupling for Extended Height; Frangible Uses 2" EMT (Requires -SF); add baseplate Detail H44

Note: The trunnion mount is frangible.

PSF-53063-6 BRIGHTNESS CONTROL WITH 3-STEPS

PSF-53063 is compatible with Point Lighting brightness control technology. Brightness control requires the use of a PHC-66002 lighting system controller with option BC. The brightness is adjustable in three steps which are configurable on-site. This floodlight brightness control is separate from perimeter light option -VB 3-step brightness control.



PSF-53062-3-BOL
Battery Powered Portable Surface Floodlight

- Two (2) hours total run-time
- 7,000 candelas
- Rechargeable AGM battery
- Optional wireless operation (-RF)
- Carrying handle
- May be staked or weighted in place
- Made in USA

POINT SURFACE FLOODLIGHT PSF LED HELIPORT LOW PROFILE FLOODLIGHT PORTABLE WITH CARRYING CASE

PSF-C093 PORTABLE WIRELESS SURFACE FLOODLIGHT SET

PSF-C093 includes battery, mounting plate, AC charging cable, wireless antenna, handheld wireless operator and strong permanent carrying and storage case with wheels.

Sold as a set of two (2) floodlights PSF-53062-3-C093-RF with carrying case and the above accessories. The wireless device operates at 918 MHz. The estimated runtime on full charge is over nine (9) hours.

PSF-53062-3-C093-RF
Battery Powered Portable Surface Floodlight



PSF-C093
Set of two (2) floodlights with all required
accessories & wheeled carrying case

POINT SURFACE FLOODLIGHT PSF LED HELIPORT LOW PROFILE FLOODLIGHT PORTABLE OR FIXED SOLAR POWERED

PSF-53062-3-SOL-C094A-V FOR WIRELESS SWITCHING

This solar powered LED surface floodlight is a full brightness 4,800 candelas flood with wireless ON-OFF operation to a maximum run-time of two (2) hours per night based on 20-deg C ambient. Run-time is reduced in cold weather.

May be screwed in place. Includes visor (-V).

Optional foot-plate (-FP) for staking or weighting with sandbags or blocks.

Adjustable tilt angle.

Onboard wireless signal receiver & antenna for ON-OFF operation.

Wireless activation with handheld device PL11572-TRANS (-C-094A) or key fob included with -C094.

Note: PL11572-TRANS must be ordered separately one per site for any -C094A system.

Tested and certified to ingress protection IP66.

PSF-53062-3-SOL-C094A-V
Solar Powered Surface Floodlight
For Wireless Operation



PSF-53062-3-SOL-C086-V FOR ALL NIGHT OPERATION

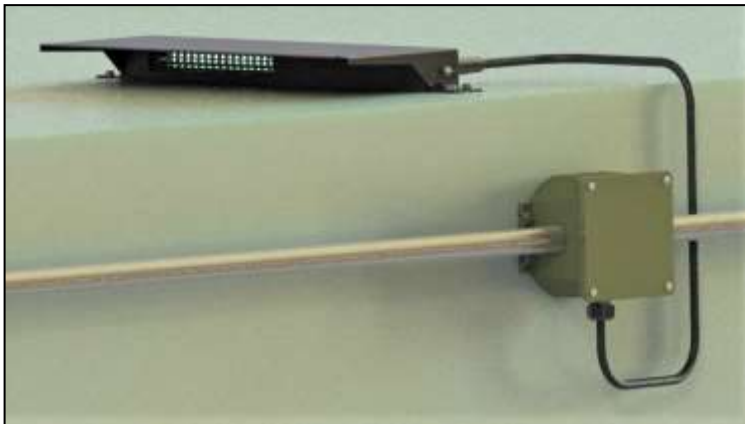
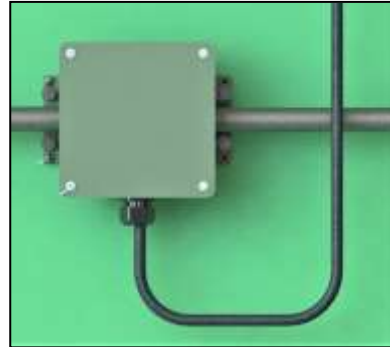
This version has a low profile, larger array and battery that allows the floodlight to operate all night automatically without manual switching at any site with an insolation value of 2.0 kWh/m²/day or higher.

PSF-53062-3-SOL-C086-V
Solar Powered Surface Floodlight
Operates All Night Automatically



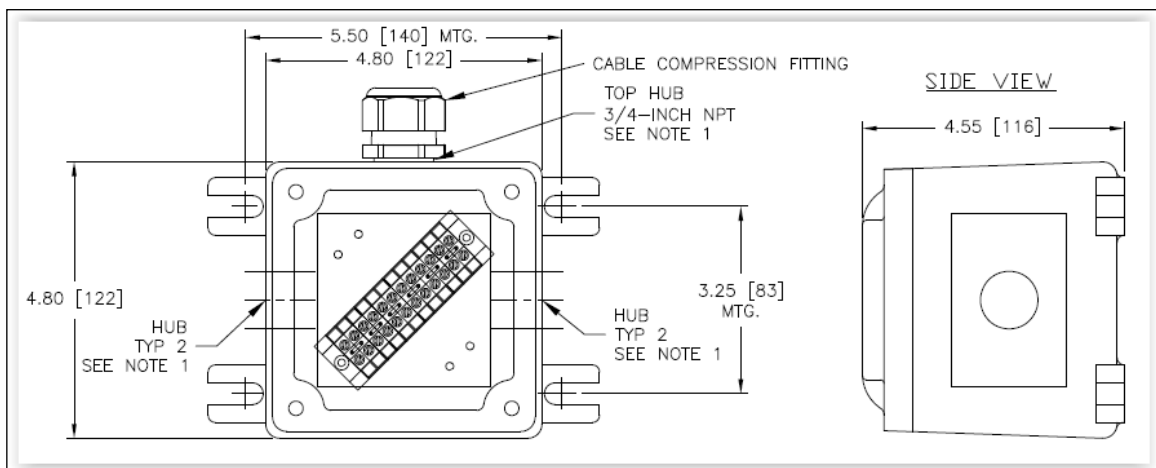
POINT SURFACE FLOODLIGHT PSF LED HELIPORT LOW PROFILE FLOODLIGHT EXTERNAL JUNCTION BOXES

Option -JB
Safe Area External Junction Box
for use with PSF-53063-6 & PSF-53062
see drawing 803357

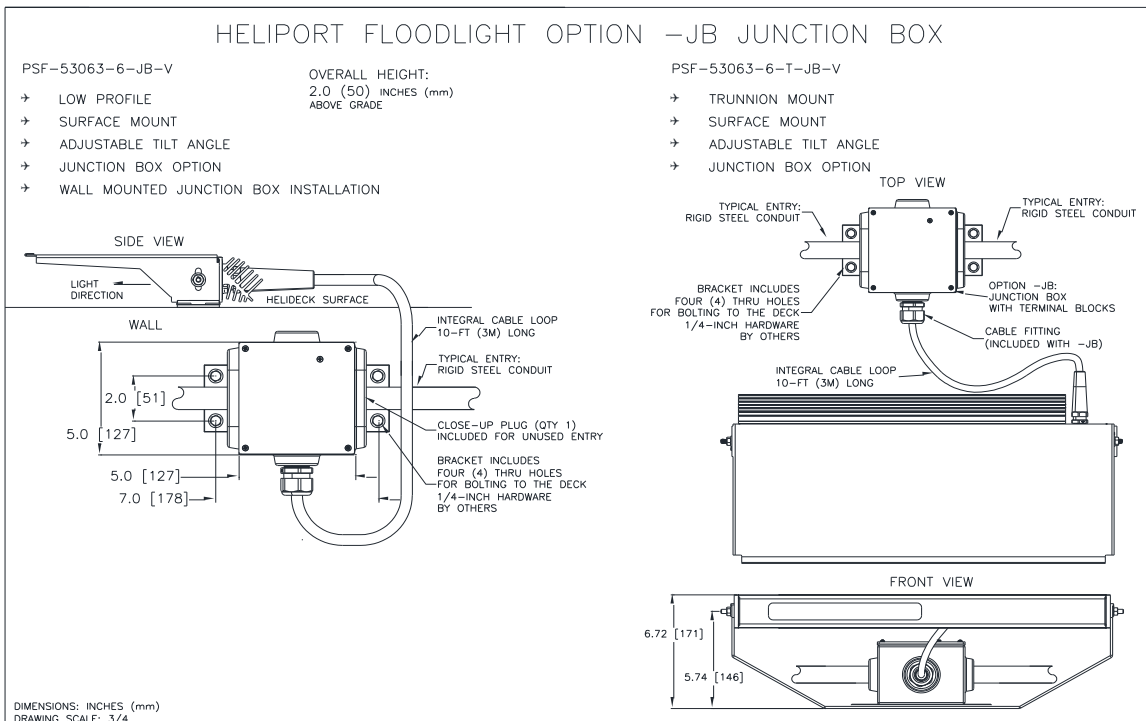
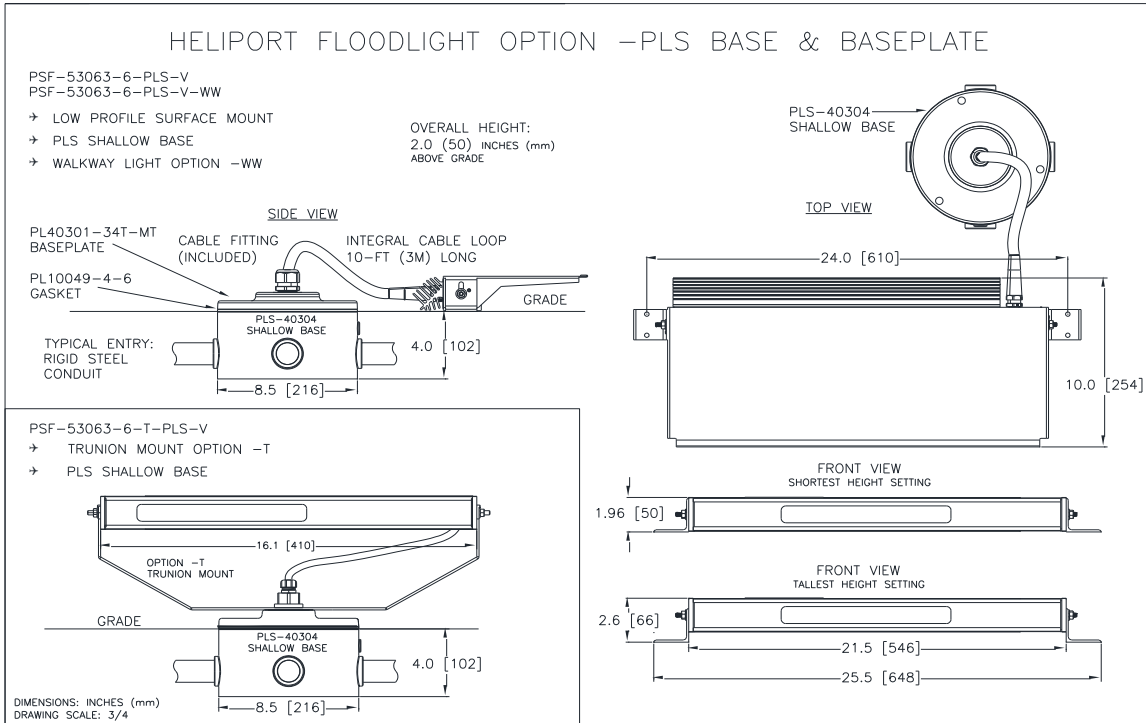


Typical Mounting
PSF External Junction Box Standard
with two 1-inch NPT feed-thru hubs

Option -JBX
Class I, Division 2 External Junction Box
for use with PSF-53063-6-EX
see drawing 803358



POINT SURFACE FLOODLIGHT PSF LED HELIPORT LOW PROFILE FLOODLIGHT SAFE AREA & HAZARDOUS AREA



Note: These details are compiled in the pdf file 0MOUNTINGS and are available in CAD upon request.