The PSF-53018-EX is a medium intensity LED surface mounted helipad and helideck floodlight intended to "wash" the pad with light. The purpose of the PSF-EX is to provide cones of light "washing" the surface that provides improved conspicuity and depth perception to the pilot. The PSF uses a Point Lighting proprietary board mounted LED design for the two well-controlled directional beams angled 30 degrees apart. This fixture does not use lamps. The output is substantially brighter than any other competing heliport surface floodlight. Listed to IP66 & IP67.

Intensities (per fixture): 4,348 lumens
Peak (per beam): 7,609 candelas
Total output per fixture: 15,218 candelas
LED rated average life: 100,000 hours
T-number: T6 (85 deg C)
T ambient: +55 deg C
Operating: -55 deg C to +55 deg C
Frequency: 50/60 Hz
Ingress Rating: IP66 & IP67

Power Consumption:
34 watts 12/24 volts DC
34 watts 36 VA 120 volts AC
36 watts 38 VA 230 volts AC

All external hardware is grade 316 (A4) stainless steel.
Metal castings are copper-free (< 0.2%) heat treated aluminum.

Note: It is recommended to install circuit level surge protection for the PSF circuit which may be an SPU Surge Protector Unit or a PHC System Controller.

Note: Cover hardware tool PL10839-PSFEX is required

* OPTIONAL BRIGHTNESS CONTROL: Provides 100% and two reduced steps. Requires use of a PHC adjustable brightness system controller.
False color rendering of the isocandela plot using eight (8) PSF-53018 LED surface floodlights each with two angled beams peaking at 7,609 candelas measured on a calibrated Hoffman automatic goniometer.

Helipad 18m D-value
(60 x 60-ft)

Lux

Instruction Sheet: IS53018-EX

Weight: 48 lbs  22 kg
Dimensions: 12.0 D  15.5 W  6.6 H
        (305)  (394)  (167)
Bolt Pattern: Four (4) holes for 3/8-16 screws
Arranged on flanges spaced
4.5 x 16.5-inches

Important Notes: * Required for new installations
** No substitute by certification

Replacement Parts (number per PSF)

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
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<tbody>
<tr>
<td>PL11251</td>
<td>Replacement LED Set (2)</td>
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<tr>
<td>PL10725-2-COB</td>
<td>Power Supply, AC (2)</td>
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<tr>
<td>PL10725-3-COB</td>
<td>Power Supply, DC (2)</td>
</tr>
<tr>
<td>PL11001-1</td>
<td>O-Ring, Cover (1)</td>
</tr>
<tr>
<td>PL10049-S</td>
<td>O-Ring, Window (2)</td>
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<tr>
<td>PL11047</td>
<td>Terminal Block (1)</td>
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<tr>
<td>PL11141-1-SS**</td>
<td>Cover Bolts 316SS (20)</td>
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<tr>
<td>PL10235-14-SS**</td>
<td>Washer Flat 316SS (20)</td>
</tr>
<tr>
<td>PL10839-PSFEX*</td>
<td>Torque Wrench Kit</td>
</tr>
</tbody>
</table>
POINT SURFACE FLOODLIGHT
PSF-EX
MARINE HELIDECK FLOODLIGHT
CLASS I, DIVISIONS 1 & 2
WITH OPTIONAL BRIGHTNESS CONTROL

PSF-53018-EX  Rear View

PSF-53018-EX  Top View

ISOQAR QUALITY ASSURED
ISO 9001

ETL

Intertek
3030033

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