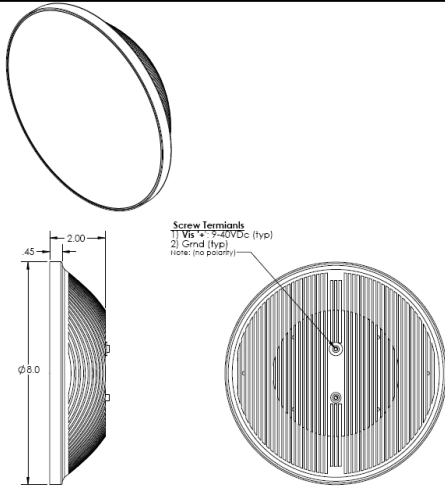


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Installation Guide:
Sunspot 64
P/N 01-2050-A
LED Landing light



Operating Instructions:

Operational Voltage: 14 and 28 Volt Systems
Input Current: 8A at 14V, 4A at 28V

EQUIPMENT LIMITATIONS:

Mount in approved PAR64 bulb holder with circuit breaker or fuse appropriate for rated current. The procedures contained herein are not intended to conflict with the procedures set forth by aircraft and engine manufacturers, nor do they supersede the FAA approved manuals and FAA regulations. If necessary, consult AC 43.13-1B for guidance on acceptable methods, techniques, and practices.

CONTINUED AIRWORTHINESS:

The Sunspot 64 LED landing or taxi light assembly is designed with 25 high power LEDs mounted behind lenses. Should any one LED fail, the unit must be repaired or replaced.

Interval	Description	Notes
50 hr.	<ul style="list-style-type: none"> Perform function check on landing light(s) 	Landing lights are not field repairable and should be sent to manufacturer for repair/replacement if defective
100 hr.	<ul style="list-style-type: none"> Perform function check on landing 	Landing lights are not field repairable and should be

	light(s) / replace unit if defective <ul style="list-style-type: none"> Inspect for discoloration of lens Inspect mounting for security Inspect all connectors for good engagement Inspect wiring for chaffing / defects 	sent to manufacturer for repair/replacement if defective
Annually	<ul style="list-style-type: none"> Perform function check on landing light(s) / replace unit if defective Inspect for discoloration of lens Inspect mounting for security Inspect all connectors for good 	Landing lights are not field repairable and should be sent to manufacturer for repair/replacement if defective

	<ul style="list-style-type: none"> engagement Inspect wiring for chaffing / defects 	
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- For bulb replacement installations remove the existing bulb from the PAR64 bulb holder, for new installations install an approved PAR64 bulb holder following FAA requirements for aircraft modifications.
- Mount the Sunspot 64 in the PAR64 bulb holder and tighten the clamping screws to secure it in place.
- Connect the ring terminals to the two screw terminals on the rear of the light. The terminals are not polarized.
- Check all avionics systems for interference from this installation.
- A flight check should be performed by a properly certified pilot.

INSTALLATION PROCEDURES:

- The installation procedure described in the following text is for a single light installation, but the procedure is identical for multiple light installations.

DO-160E Section	Compliance Level
4	F2
5	F2
6	C
8	U
9	H
10	S
11	F
12	D
13	F
14	S
15	A
16	Z
17	A
18	Z
19	ZC
20	RR
21	H
22	A2E2

INSTALLATION INSTRUCTIONS REVISION RECORD SHEET

Revision Number	Effective Date	Inserted By	Page Numbers Revised
IR	12/09/2011	Dean Wilkinson	All
A	06/12/2012	Dean Wilkinson	All
B	09/16/2013	Dean Wilkinson	All