

TECHNICAL SPECIFICATIONS :

General Information

Generic Name	FLP Aviation
Product Code	PLFA 539 / 10 / xx
Product Ordering Code	PLFA 539 / 302 / 20
Light Source	5mm 2 Pin Clear Lens Red Color LED
Driver	Yes – Constant Current
Surge Protection Device	N.A.



Performance

Luminaire Output	Up to 17 cd
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Power Absorption	Up to 12 Watt
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Optoelectronics

Color rendering index (CRI)	6.2
Correlated Color Temperature	1000K
Beam angle of light source	15°

LED mcd	10000 mcd (Typical)
Wave Length	620 - 630 nm
Median useful life L70B50	50,000 Hour(s)

Operating & Electrical

Voltage Input	130 to 280 VAC
Current Input	<100mA @ 230 VAC
Power Input	≤ 12Watt

Line Frequency	50 Hz
Power Factor	≥ 0.35
Working Temperature	– 10°C - +50°C.

Luminair Body

Hosing Material	LM-6 Grade Aluminium Alloy
Hosing Finished	Epoxy Powder Coated - Dark Grey 632 as per IS-5

Optical Cover Material	Heat Resist tempered dome glass
Mounting Bracket	Circular Plate provided with 2 circular slots of 10mm Ø at center distance of 160mm.

Electronics

Driver	Separate 5 circuits, one for top PCB , other four for 8 rings (one for 2 rings)
Setup rise holdup time for driver	< 0.5 sec

Efficiency of Driver	≥ 87%
Leakage Current in %	< 0.5mA (Within IS Limit)

Protection

Surge Protection	1 kV - onboard in Driver Circuit
Voltage Protection	Protect LEDs From overdrive
Ingress protection code	IP - 66

Over Heat Protection	N.A.
Short Circuit Protection	Yes
impact protection code	IK - 05

Certification under the Brand logo GFEC Model No.: GFEC-WG-60

CIMFR Certificate No.	IN/CIMFR/TR21/P/H17
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PESO Certificate No.	Applied
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