

TECHNICAL SPECIFICATIONS :

General Information

Generic Name	FLP Well Glass
Product Code	PLFW 539 / 50 / xx
Product Ordering Code	PLFW 539 / 80 / 90
Light Source	SMD Type High Power LED
Driver	Yes – Constant Current
Surge Protection Device	Yes – 10kV



Performance

Luminaire Output	Up to 6800 lm
------------------	---------------

Power Absorption	Up to 50Watt
------------------	--------------

Optoelectronics

Color rendering index (CRI)	>70
Correlated Color Temperature	6500K / 5000K / 2700K
Beam angle of light source	120°

Luminous Efficacy	150 Lumens / Watt
Optic type	N.A
Median useful life L70B50	40,000 Hour(s)

Operating & Electrical

Voltage Input	130 to 280 VAC
Current Input	< 230mA @ 230 VAC
Power Input	≤ 50Watt

Line Frequency	50 Hz
Power Factor	≥ 0.95
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	Electroplated Eye bolt .

Electronics

Driver	Single Stage Fly back with PF Correction C.C. Driver
Setup rise holdup time for driver	< 0.5 sec

Efficiency of Driver	≥ 87%
THD in %	≤ 10% (Full Load)

Protection

Surge Protection	6.5 kV - Inbuilt in Driver
Voltage Protection	Phase to Phase protection of 440V. for 8 hrs.
Ingress protection code	IP - 66

Over Heat Protection	Yes (Drop Output Current)
Short Circuit Protection	Yes (Auto recovery)
impact protection code	IK - 05

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

CIMFR Certificate No.	IN/CIMFR/TR21/P/H17
-----------------------	---------------------

PESO Certificate No.	Applied
----------------------	---------