TECHNICAL SPECIFICATIONS :

PAR LED
LIGHT OF INDIA

General Information

Generic Name	Well Glass - Eco
Product Code	PLWW 5300 / 50 / xx
Product Ordering Code	PLWW 5300 / 60 / 125
Light Source	SMD Type High Power LED
Driver	Yes – Constant Current
Surge Protection Device	Yes – 10kV



Performance

Luminaire Output	Up to 5650 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	140 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	Powder Coated

Optical Cover Material	Molded Polycarbonate Diffuser
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 kV - Inbuilt in Driver
Voltage Protection	Phase to Phase protection of 310V.
Ingress protection code	IP - 65

Over Heat Protection	Yes (Drop Output Current)
Short Circuit Protection	Yes (Auto recovery)
impact protection code	N.A.