PAR LED
LIGHT OF INDIA

WELL GLASS - ECO

The LED Well Glass, equipped with a specially designed heat sink, ensures excellent thermal management, delivering consistent light output with a best-in-class system efficacy of 135 lm/W. It provides the optimal light levels required for industries operating in harsh conditions, such as power plants, foundries, and non-hazardous areas within the chemical and petrochemical sectors, where precision is essential.



FEATURES & BENEFITS

- Luminary efficacy reaches 110 lumens/Watt, ensures more than 65% of energy saving when compared with HID lamp.
- Specially designed heat sink with epoxy coating ensures seamless operations in harsh environments.
- LM-80 compliant high efficiency & Photo biologically safe LEDs
- High performance electronic driver with high voltage protection, Surge protection & OC/SC/OT protection.
- Along with the additional 10kV/5kA built-in surge protection device.
- High quality of light by increase CRI up to 80 for all colour temperature.
- Vibration, dust and heat resistant.
- No harmful UV & IR radiation
- Lifetime of over 35000 hours.
- IP65 level of protection against dust penetration & low pressure water jets from any direction.

PRODUCT SPECIFICATIONS

Housing &Finished :
Epoxy powder coated finished Cast aluminium housing (heat sink) for effective thermal management, sturdiness &excellent corrosion resistance.

Glass Cover :
Polycarbonate molded glass cover available with opal finish for glare free light distribution fixed to the housing with SS screws. Silicon gasket and Cable gland is used for maintaining ingress protection.

Light source :
High efficiency long life LED module with SMD type LED mounted on MCPCB. Lumen efficacy of LED ≥140 lm/W with beam angle 120° for uniform distribution.

Electronic Driver :
Built in potted constant current isolated LED driver with lower THD, PF ≥0.95, Output Open /Short Circuit protection, Over Voltage protection, 6kV Surge Voltage protection & other safety tests as per IS 15885 Part-2/Sec 13.

Mounting & Maintenance :
Suspended by means of electroplated, forged eye-bolt provided with the Fixture.

APPLICATIONS :
- Harsh Industry Application
- Power plant
- Cement Factories
- Foundries
- Warehouse

Note: *Well Glass Luminaires are provided with additional 10kV Built in surge protection device.*

TECHNICAL DATA

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Lumens
PLWW 5300 / 36	PLWW 5300 / 36 / 150	31	36	230	0.16	3950
PLWW 5300 / 50	PLWW 5300 / 60 / 125	44	50	230	0.23	5650
PLWW 5300 / 72	PLWW 5300 / 90 / 125	63	72	230	0.33	8450

Note: *Warranty Voids for LED fixtures including Drivers, if individual points of installations are not provided with proper Earthing*

TECHNICAL DRAWING

DIMENSION

Product Code	Dimension in mm W	H	Approx Weight
PLWW 5300 / 36	145 Ø	140	0.700
PLWW 5300 / 50	185 Ø	160	0.950
PLWW 5300 / 72	185 Ø	160	1.200