

LED FLP Well Glass light is suitable for offering effective lighting solutions in industries where atmosphere is highly hazardous. The luminaires are designed & Approved by CMRI for Gas Group II-A, II-B. Its die-cast aluminium housing & specially designed patented conical shape cast aluminium heat sink for excellent thermal management and resistance to the elements, makes the well glass ensure long lifetime, reliability and offers significant energy savings when compared with conventional lamp systems.



Features & Benefits

- Luminary efficacy reaches 125 lm/W, which gives more than 60% of energy saving when compared to 125W HPMV amp.
- Patented conical shape LED Light creating outstanding illuminance in industrial lighting applications.
- Complies with IP 66 ingress protection rating ensuring it is ideal for use in dusty environments and offering stable and consistent performance over product lifetime.
- Heat resistant and clear toughened glass cover provide protection against ingress of dust and water.
- Wire Guard made of MS to protect the luminaire from damages.
- Superior W/m² performance delivered optimal lighting effects to fit industrial applications.
- High quality of light by increase CRI up to 80 for all colour temperature.
- World class, approbated quality components (LEDs / Driver / etc.).
- Low maintenance cost.
- Lifetime of over 30,000 hours, which requires no lamp replacement after installation.
- Easy installation and maintenance by multiple mounting options (eyehook / bracket).

Specifications



Family Name	: FLP Well Glass
Model	: PLFW (539)
Wattage	: 36Watt / 50Watt
Lumen / Watt	: 125 lm/W
Lamp Colour	: 2700K, 6500K
Colour Rendering Index	: >80
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Aluminum housing finished by Light Grey - 631.
Lifetime	: 30, 000 hrs
Classifications	: IP66
Input Voltage	: 180 - 270V AC - 50Hz
Power Factor	: > 0.95
Certified by	: CMRI (Dhanbad).
Installation	: Ceiling mounting can be done by standard eye bolt.
Application	: Suitable for Group II-A, II-B in industries like chemical Plant, Pharma industries, oil & Coal mines, Fertilizers & petrochemical industries.

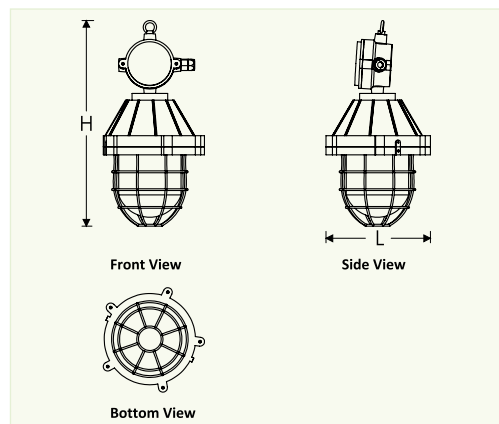
Accessories & Controls

- In-built integrated electronic LED driver
- DC cable gland entry suitable for power cable

Installation

Suitable for pendent / ceiling mounted using eye bolt.

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLFW 539 / 36	PLFW 539/ 80 / 125	32	36	230	0.16	7.000	1 Nos.
PLFW 539 / 50	PLFW 539 / 112 / 125	44	50	230	0.23	7.100	1 Nos.



Product Code	Dimension in mm		Lumens
	L	H	
PLFW 539 / 36	225 Ø	485	3900
PLFW 539 / 50	225 Ø	485	5500