

The energy efficient Area Eco flood light is an ideal solution to replace the halogen flood lighting luminaire. Its reliable designed heat sink incorporates aesthetics and excellent heat dissipation to ensure long lifetime, durability and performance at a competitive price.



FEATURES & BENEFITS

- Compact finless light weight housing to suit the construction site.
- Energy saving upto 55% when compared to conventional floodlights.
- Luminary efficacy reaches 125 lumens/Watt,
- Design to ensure Better Thermal Management results in sturdy performance.
- LM-80 compliant high efficiency EMC package & Photo biologically safe LEDs
- High performance electronic driver with 440V protection for 8 Hrs. (Phase to Phase).
- Top openable design allows easy access to that driver ensures convenient and faster maintenance.
- High quality of light by increase CRI upto 80 for all colour temperature.
- Vibration, dust and heat resistant.
- No harmful UV & IR radiation
- Lifetime of over 40000 hours.
- IP54 level of protection against limited dust ingress & Spray water from any direction.

PRODUCT SPECIFICATIONS

Housing & Finished :

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

Glass Frame :

Polycarbonate cover sealed with frame and 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 EMC package SMD type LED mounted on MCPCB. Lumen efficacy of LED ≥ 160 lm/W with beam angle 120° for uniform light distribution.

Electronic Driver :

Built in potted constant current multistage isolated LED driver with < 10% THD, PF ≥ 0.98 , Output Open /Short Circuit protection, Over Voltage protection, 6.5kV Surge Voltage protection & other safety tests as per IS 15885 Part-2/Sec 13 and BIS comply.

Mounting & Maintenance :

Wall or surface mounting using adjustable MS cradle of thickness 2 mm provided with the fixture by 3 circular slots of 8mm \varnothing at center distance of 50 mm.

APPLICATIONS :

- Construction Sites
- Column Lighting
- General Area Lighting

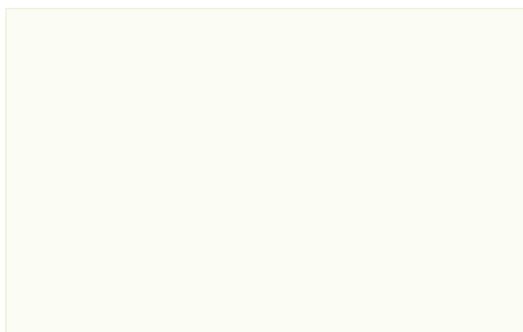
Note: Area Eco Luminaires are available on request with additional 10kV Built in surge protection device (SPD).

TECHNICAL DATA

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Lumens
PLFL 515 / 45	PLFL 515 / 42 / 150	39	45	230	0.21	5550
PLFL 515 / 90	PLFL 515 / 84 / 150	78	90	230	0.41	11100

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			Approx Weight
	L	W	H	
PLFL 515 / 45	155	150	215	1.500
PLFL 515 / 90	215	150	215	2.400