

The energy efficient Area Eco flood light is an ideal solution for a 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 135 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  $\geq 160$  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  $\geq 0.98$ , 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

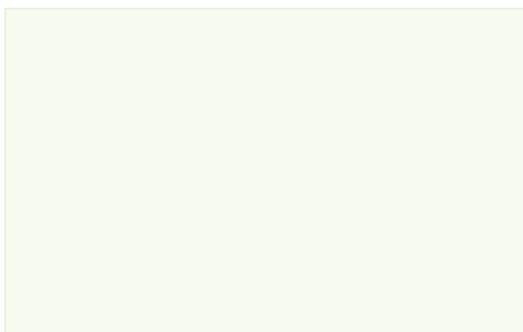
**Note:** Area Eco Luminaires are available on request with additional 10kV Built in surge protection device (SPD).

**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	5900
PLFL 515 / 90	PLFL 515 / 84 / 150	78	90	230	0.41	11750

**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