

Aviation obstruction lights are high-intensity lighting devices; also known as navigation lights lighting equipment installed to a tall structures and used for the purpose of collision avoidance measures. Such devices are not always bright but shining and make tall structures more visible for passing of aircrafts, are available with single & twin lamp suitable for Transmission Line Towers, Telecom Towers, Thermal Power Plants, High-mast lighting / signage towers and High-rise building rooftops



FEATURES & BENEFITS

- Cast aluminium housing with Red Polycarbonate dome cover ensures enhanced visibility and weather resistance.
- Energy saving upto 80% when compared to conventional aviation light.
- Luminary efficacy reaches 1 cd/Watt,
- high efficiency 5mm 2-pin Photo biologically safe LEDs
- High performance electronic driver with protection against surge & short circuit.
- Operating with input voltage range 110 – 270 VAC.
- Available in colour with Red/Green/White
- Vibration, dust and heat resistant.
- No harmful UV & IR radiation
- Lifetime of over 50000 hours.
- IP65 level of protection against dust penetration & low pressure water jets from any direction.

PRODUCT SPECIFICATIONS

Housing & Glass Frame :

Epoxy powder coated finished cast aluminium housing for sturdiness & excellent corrosion resistance.

Glass Frame :

Polycarbonate Dome cover fixed to the housing with SS screws. Silicon gasket is used for maintaining ingress protection.

Light source :

High efficiency long life 5mm 2-Pin LED mounted on MCPCB & circular ring. Lumen efficacy of LED 1 cd /W with 20° beam angle.

Electronic Driver :

Built in with constant current LED driver with Short Circuit protection, Over Voltage protection and Surge Voltage protection.

Mounting & Maintenance :

Pipe mounting by provided 1/2" BSP Thread

APPLICATIONS :

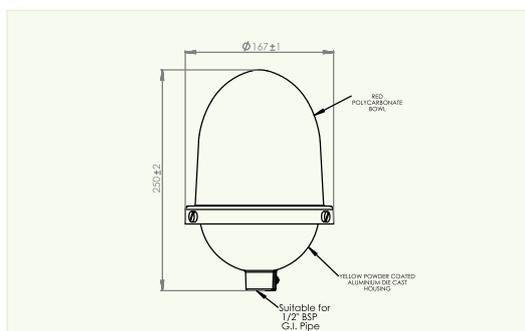
- Airport Runway
- Telecom Towers
- High-mast lighting / signage towers
- High-rise building roof tops

TECHNICAL DATA

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Lumens
PLAL 520 / 10	PLAL 502 / 302 / 20	10	12	230	0.055	12
PLAL 520-B / 10	PLAL 502-B / 302 / 20	10	12	230	0.055	12
PLAL 520 / 2x10	PLAL 502 / 2x302 / 20	20	24	230	0.11	24
PLAL 520-B / 2x10	PLAL 502-B / 2x302 / 20	20	24	230	0.11	24

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	
PLAL 520 / 10	170	170	260	-
PLAL 520 / 2x10	470	170	250	