

Road Glitter is a sleek elegant design innovative streetlight with best in class energy efficient light source for Residence complex perimeter lighting ensuring uniform & sufficient lighting on the road. Its cast aluminium housing has excellent heat dissipation, extending the life of the components inside. Its uniform light distribution enhances safety on roads and allows people to enjoy beautifully lit outdoors.



FEATURES & BENEFITS

- Elegant designed architectural housing to suit the Residence complex.
- Luminary efficacy reaches 115 lumens/Watt.
- Design to ensure Better Thermal Management results in sturdy performance.
- 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.
- Good color uniformity and color rendering (CRI>80).
- Vibration, dust and heat resistant.
- No harmful UV & IR radiation
- Lifetime of over 40000 hours.
- IP55 level of protection against limited dust ingress & Spray water from any direction.

PRODUCT SPECIFICATIONS

Housing & Glass Frame:

Epoxy powder coated finished Cast aluminium housing (heat sink) for effective thermal management, sturdiness & excellent corrosion resistance. Opto Lens cover fixed to the housing with SS screws. Silicon gasket is used for maintaining ingress protection.

Optics:

High efficiency polycarbonate modular Lens plate of (120° x 60°) to ensure asymmetrical batwing light distribution.

Light source:

High efficiency long life LED module with EMC package SMD type LED mounted on MCPCB. Lumen efficacy of LED ≥140 lm/W and viewing angle of 120° to ensure better uniformity.

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:

Suitable for pole mounting with bracket Arm OD of 42mm (max.)
Recommended mounting height with suitable in ground reinforcement is 3-6 m.

APPLICATIONS:

- Minor road
- Residence society road lighting
- Industries perimeter lighting

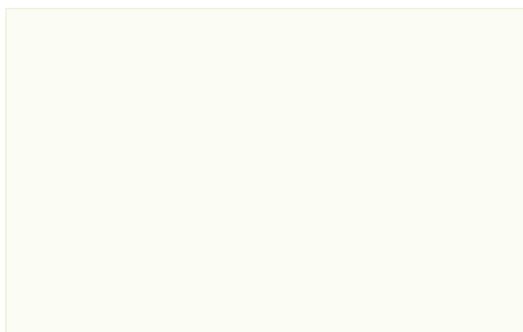
Note: Road Glitter Luminaires are provided with additional 10kV Built in surge protection device (SPD).

TECHNICAL DATA

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Lumens
PLSL 501 / 18	PLSL 501 / 18 / 150	16	18	230	0.08	2200
PLSL 501 / 36	PLSL 501 / 36 / 150	31	36	230	0.16	4450
PLSL 501 / 50	PLSL 501 / 50 / 150	44	50	230	0.23	6200
PLSL 501 / 72	PLSL 501 / 72 / 150	63	72	230	0.33	8950
PLSL 501 / 100	PLSL 501 / 100 / 150	87	100	230	0.46	12400

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	
PLSL 501 / 18	280	108	45	0.500
PLSL 501 / 36	340	130	45	0.675
PLSL 501 / 50	395	162	45	0.965
PLSL 501 / 72	395	162	45	1.130
PLSL 501 / 100	480	192	70	1.290