

CFL ROAD LIGHTING LUMINARY

RLL 11W/22W



Focusing on road lighting with minimum running cost, maximum reliability and adequate light, TeamSustain has designed a variety of road lighting luminaries.

RLL 11W/22W series road lighting luminaries are the best replacement for the presently used streetlight fittings of incandescent bulbs and fluorescent tubes. These can light up rural roads with adequate light at low voltage. The technical features of RLL 11W/22W series are unique and open up new dimensions in road lighting.

RLL 11W road lighting luminaries can be used to replace light fitting using 100W incandescent bulb and RLL 22W for 40W tube light fitting, with the same light output and a saving of around 50% energy.

FEATURES:

- Highly reliable electronic ballast
- Wide operating voltage range (90-270V)
- THD less than 20%
- High circuit power factor (>0.98)
- Constant light output throughout 90-270VAC
- Automatic dusk to dawn operation (optional)
- Compact, elegant and weather proof design (IP 53)
- Protections against lightning and over voltages
- Rust free fitting components

TECHNICAL SPECIFICATIONS

	RLL 11W	RLL 22W
General		
Application	Streets and pedestrian lighting	
Use	Outdoor	
Lamp type	Compact Fluorescent Lamp (CFL), 4 Pin, Single U	
Lamp wattage	11W	22W(2 Nos of 11W)
Rated light output (Lumens)	900 ± 5%	1800 ± 5%
Electrical		
Normal working voltage	230V AC	
Working voltage range	90 to 270V AC	
Invert type	Quasi sine wave, free running	
Inverter frequency	25-30 kHz	
Power consumption	13.0 ± 1W	23.5 ± 1.7W
Lamp starting	Soft start with pre-heating	
Current THD (up to 10 th)	<20%	<12%
Power factor	>0.98	
Protections	Input surges and lamp end of life	
Junction box	With 1A replaceable glass cartridge fuse	

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TECHNICAL SPECIFICATIONS

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Mechanical		
Fixing	Pole mounting with mounting brackets, CF Lamp in base up configuration	
Connecting cable entry	2mm ² twin code dual sheathed wire	
Canopy	Injection moulded engineering plastic (IP53)	
Bowl	UV stabilized, Non yellowing Acrylic	
Reflector	Highly reflective anodised aluminum	
Color (canopy)	Black	
Size (Shipping) (mm)	410x150x110	410x150x110
Weight (Shipping)	995gm	1.13Kg

Note: Specifications subject to change without notice. Check for latest update

ORDERING INFORMATION

RLL 11W & 22W				
Model	Wattage	Number of Lamps	Operation	Suggested to Replace
RLL-11AC1C	11W	1	Manual	100 W Incandescent bulb
RLL-11AC2C	11W	1	Automatic	100 W Incandescent bulb
RLL-22AC1C	22W	2	Manual	40W Fluorescent tube
RLL-22AC2C	22W	2	Automatic	40W Fluorescent tube