



**Shaffer**  
ENERGIZING TOMORROW

# Roadway Street Light

## < Features



## < Benefits

- Sustainable Design:
- Tool less access.
- 3G Vibration Raitng.
- Angle adjustability.
- No tertiary optical losses.
- Use of recycled and recyclable corrosion resistant materials.
- Full cutoff optics meet Dark Sky requirements
- Holistic Thermal Design:
- Underdriving LEDs to improve efficiency and system life.
- Use of premium grade alloys for enhanced thermal conduction.
- Electronics are isolated and sealed from the optical chamber.
- Fits standard 1 ¼" to 2" mast arm.
- Covered heat sink for better heat dissipation.

Typical Applications Include:

- Roadways
- City Streets
- Walkways
- Residential Streets
- Parking Lots
- Campuses

Electrical Parameters	
Input Voltage	120-270V AC
Wattage	45 to 150 Watt
Driver Efficiency	>90
Surge Protection	Double Layer Surge Protection Integrated 20 KVA in addition to 4 KVA built in Driver
Power Factor	>0.95
THD	<10
Over Voltage Protection	Provided
Optical Parameters	
Colour Temperature	5000-5500K
CRI	>80
LED Life with L70 Criteria	>60000 Hours
Efficacy	>110 Lumen per watt
Optics	Integrated customized lens with international brand
Optical Distribution	Type II, Type III, Type IV, Type V
No. of LEDs	48/96
Driving Current	280 mA to 420 mA
Beam Angle	>120
General Parameters	
Housing	Pressure Die Cast Aluminium
Cover	Polycarbonate Optic Primary Cover
Operating Temperature Range	-40° C to +55° C
Weight	8.5 Kg/11 Kg
Off State Power	Zero
Certification	CE/RoHS/UL
Environment	IP-67 Optics
Reports	LM-80, LM-79, IK-05 Photobiological Report.

## PRODUCT ORDERING INFORMATION

Product Code	Product	Colour Temp.	Wattage
SH RSL 45/60/75/90/100/120/150W CW NR GR	LED Roadway Street Light	Cool White	45W 60W 75W 90W 100W 120W 150W



Asia Pacific • Africa • Middle East • Europe  
Specifications are typical values and may change without notification.  
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