



GREEN ENERGY NETWORK



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TDS

3R LIGHT - SMD LED (SUN) STREET LIGHT - 50 WATT



Product Specification

Name	50 W Multi Led Street Light (Sun)
Model No	GENSLML-SUNO-50
Doc.No	GENSLML-SUNO-50/1
Date	02/02/2019.

Application

Street Light	Mall
Industrial Road Light	Airport
Dock Yard	

Technical Specification of Energy Efficient 50 W SMD Led Street Light (Sun) - 3R LIGHT.

Characteristics	Standred Value
Luminaries Wattage	50 Watt (± 5%)
Luminaries Input Voltage	240 Voltage
Luminaries Input Frequency	50 Hz
Luminaries Input Current	0.3 A.
Luminaries Power Factor & THD	>0.95 THD <10%
Luminaries Efficiency	86%
Luminaries Light Spreding Angle	135° X 60°
Luminaries Temperture Class	T 6
Luminaries IP Standred	Outdoor IP 65 / IP 66
Luminaries Total Weight	2.9 Kg (Approx)
Luminaries Starting Time	Rapid .4 Sec.
Luminaries Warranty	3 Years
LED Make	Osram / Bridgelux
LED Certification	LM 80
LED Lamp Type	SMD (5050)
LED Lamp Lumen @25 Degree C	8280
LED Lamp Lumen Efficacy (Lm/Watt)	200 - 210 lm / W
LED Lamp CCT/ Color Rendering Index	6500K / RA 80 Min
LED Lamp Wattage/ Current / Voltage	46 W / 1150 mA / 30 - 39 V @ Tc 25 Degree C.
LED Lamp Life	50,000 Hours
LED Lamp Identification Feature	TDS
Actual test report of LED Lamp	Actual Operating test Report for 50,000 Hrs.
Driver Type	Constant Current (CC) Mode
Driver Input Voltage Range	90 ~ 305 V AC
Driver Frequency Range	47 Hz - 63 Hz
Driver Output Protection	Short Circuit, Over Voltage, Low Voltage & Surge
Driver Surge Protection	Inbuilt 04 KV (Additional 10 KV)
Luminaries Juction Temperature - Tj	< 78° C.
Luminaries Case Temperature - Tc	< 65° C.
MOC- Heat sink	Aluminium Casting - LM -06



Schematic Drawing



- All Technical Parameters & Drawing consider + - 05%

3R Light SPECIALITY :

This Fixture is providing required spreaded illumination level without Glare through diffused light.
3R Light products are having Precise Thermal management for longer life and Precise light spreading angle for required illumination.

- Information & Product Change With Out Any Notice

Prepared By

Reviewed By

Approved By

SALES & MARKETING OFFICE

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FACTORY I

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FACTORY II

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