



# GREEN ENERGY NETWORK



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**TDS**

## 3R LIGHT - SMD LED ( SUN ) STREET LIGHT - 100 W



### Product Specification

Name	100 W Multi Led Street Light ( Sun )
Model No	GENSLML-SUNO-100
Doc.No	GENSLML-SUNO-100/1
Date	02/02/2019.

### Application

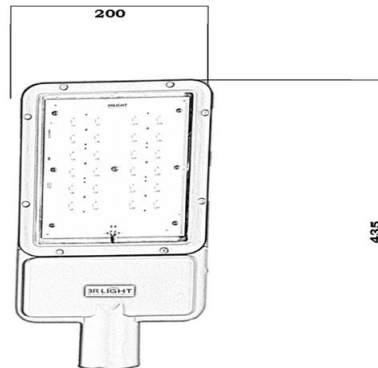
Street Light	Mall
Industrial Road Light	Airport
Dock Yard	

### Technical Specification of Energy Efficient 100 W SMD Led Street Light ( Sun ) - 3R LIGHT.

Characteristics	Standred Value
Luminaries Wattage	100 Watt ( ± 5% )
Luminaries Input Voltage	230 Voltge
Luminaries Input Frequency	50 Hz
Luminaries Input Current	0.6 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	4.5 Kg ( Approx )
Luminaries Starting Time	Rapid .4 Sec.
Luminaries Warrantly	3 Years
LED Make	Osram / Bridgelux
LED Certification	LM 80
LED Lamp Type	SMD ( 5050 )
LED Lamp Lumen @25 Degree C	16560
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	92 W / 700 mA / 120 - 160 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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