



GREEN ENERGY NETWORK



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TDS

3R LIGHT - SMD LED (SUN) STREET LIGHT - 150 W



Product Specification

| | |
|----------|--------------------------------------|
| Name | 150 W Multi Led Street Light (Sun) |
| Model No | GENSLML-SUNO-150 |
| Doc.No | GENSLML-SUNO-150/1 |
| Date | 02/02/2019. |

Application

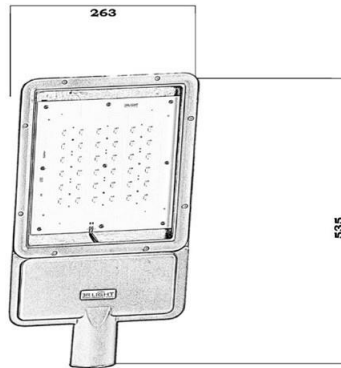
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|-----------------------|---------|
| Street Light | Mall |
| Industrial Road Light | Airport |
| Dock Yard | |

Technical Specification of Energy Efficient 150 W SMD LED Street Light (Sun) - 3R LIGHT.

| Characteristics | Standred Value |
|-------------------------------------|---|
| Luminaries Wattage | 150 Watt (± 5%) |
| Luminaries Input Voltage | 240 Voltage |
| Luminaries Input Frequency | 50 Hz |
| Luminaries Input Current | 0.9 A |
| Luminaries Power Factor & THD | >0.95 THD <10% |
| Luminaries Efficiency | 86% |
| Luminaries Light Spreding Angle | 135° X 65° |
| Luminaries Temperture Class | T6 |
| Luminaries IP Standred | Outdoor IP 65 / IP 66 |
| Luminaries Total Weight | 6 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 | 24840 |
| LED Lamp Lumen Efficacy (Lm/Watt) | 200 - 210 Lu/Watt |
| LED Lamp CCT/ Color Rendering Index | 6500K / RA 80 Min |
| LED Lamp Wattage/ Current / Voltage | 138 W / 700mA / 140 - 214 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 Protection |
| Driver Surge Protection | Inbuilt 04 KV (Additional 10 KV) |
| Luminaries Juction Temperature - Tj | < 86 Degree C. |
| Luminaries Case Temperature - Tc | < 65 Degree 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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