



GREEN ENERGY NETWORK



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TDS

3R LIGHT - LED COB (PREMIUM) STREET LIGHT - 100 WATT



Product Specification

Name	100 W Led COB Street Light
Model No	GENSLCOB-100P
Doc.No	GENSLCOB-100P/1
Date	02/02/2019.

Application

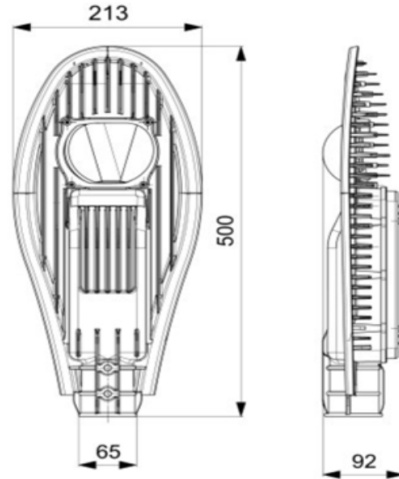
Street Light	Mall
Industrial Road Light	Airport
Dock Yard	

Technical Specification of Energy Efficient 100 W Led COB Street Light (Premium) - 3R LIGHT.

Characteristics	Standred Value
Luminaries Wattage	100 Watt (± 5%)
Luminaries Input Voltage	240 Voltage
Luminaries Input Frequency	50 Hz
Luminaries Input Current	0.5 A
Luminaries Power Factor & THD	>0.95 THD <10%
Luminaries Efficiency	87%
Luminaries Light Spreding Angle	140° X 60°
Luminaries Temperture Class	T 6
Luminaries IP Standred	Outdoor IP 65 / IP 66
Luminaries Total Weight	4.1 Kg (Approx)
Luminaries Starting Time	Rapid .4 Sec.
Luminaries Warranty	5 Years
LED Make	Citizen / Bridgelux
LED Certification	LM 80
LED Lamp Type	COB
LED Lamp Lumen @25 Degree C	13248
LED Lamp Lumen Efficacy (Lm/Watt)	160 - 165 lm / W
LED Lamp CCT/ Color Rendering Index	6500K / RA 80 Min
LED Lamp Wattage/ Current / Voltage	92 W / 2383 mA / 38.4 V @ Tc 25 Degree C.
LED Lamp Life	63,000 Hours
LED Lamp Identification Feature	TDS
Actual test report of LED Lamp	Actual Operating test Report for 1,00,000 Hrs.
Driver Type	Constant Current (CC) Mode (Inventronics)
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	4 KV Inbuilt (Additional 10 KV)
Luminaries Junction 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

Manufacturing Unit I

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Manufacturing Unit II

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