



# GREEN ENERGY NETWORK



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**TDS**

## 3R LIGHT - LED COB ( PREMIUM ) FLOOD LIGHT - 300 W



### Product Specification

Name	300 W Led COB Flood Light
Model No	GENFLCOB-300P
Doc.No	GENFLCOB-300P/1
Date	02/02/2019.

### Application

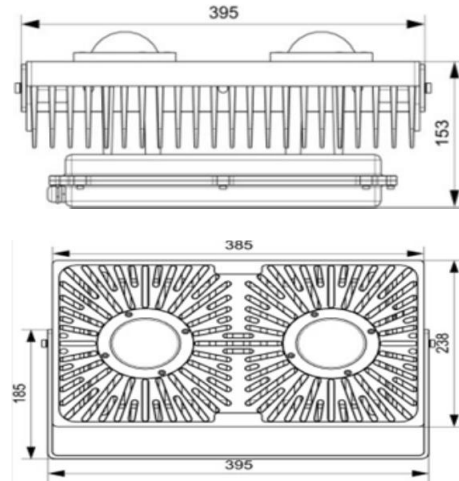
Parking Light	Yard Lighting
Highmast Lighting	Play Groud Lighting
Ground Lighting	

### Technical Specification of Energy Efficient 300 W Led COB Flood Light ( Premium ) - 3R LIGHT.

Characteristics	Standred Value
Luminaries Wattage	300 Watt ( ± 5% )
Luminaries Input Voltage	240 Voltage
Luminaries Input Frequency	50 Hz
Luminaries Input Current	3.5 A
Luminaries Power Factor & THD	>0.95 THD <10%
Luminaries Efficiency	93%
Luminaries Light Spreding Angle	45° / 60° / 90° / 120°
Luminaries Temperture Class	T 6
Luminaries IP Standred	Outdoor IP 65
Luminaries Total Weight	14.00 Kg ( Approx )
Luminaries Starting Time	Rapid .4 Sec.
Luminaries Warrantly	5 Years
LED Make	Citizen / BridgeLux
LED Certification	LM 80
LED Lamp Type	COB
LED Lamp Lumen @25 Degree C	39744
LED Lamp Lumen Efficacy (Lm/Watt)	160 - 165 lm / W
LED Lamp CCT/ Color Rendering Index	6500 K / RA 80 Min
LED Lamp Wattage/ Current / Voltage	276 W / 4998 mA / 55.2 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	6 KV Inbuilt ( 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

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