

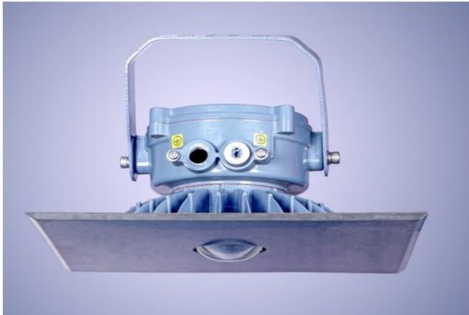


# GREEN ENERGY NETWORK

Regd. Office: -H.No.1534/C-101 Parmar Nagar Co.Op.Hsg.Soc. At Bhuvaneshwar,  
Post Varse,Tal.Roha-Raigad Maharashtra 402109 India. 8308378882/9422094430



## TDS LED COB FLAME PROOF CLEAN ROOM FITTING ( ECO SUPER ) SUN FLOWER - 80 W



### Product Specification

Name	80 W Led COB Flame Proof Light
Model No	FLPCR-SF-ES-80
Doc.No	FLPCR-SF-ES-80/1
Date	02/02/2021.

### Application

Chemical Industries	Oil Refinery
Mining Industries	Hazardous Industries
Petro Chemical Industries	Pharma Industries

### Technical Specification of Energy Efficient 80 W Led COB Flaem Proof Fitting ( Sun Flower ) ( Clean Room )

Characteristics	Standred Value
Luminaries Wattage	80 Watt ( ± 5% )
Luminaries Input Voltage	240 Voltage
Luminaries Input Frequency	50 Hz
Luminaries Input Current	0.8 A
Luminaries Power Factor & THD	>0.95 THD <10%
Luminaries Efficiency	89%
Luminaries Light Spreding Angle	120°
Luminaries Temperture Class	T 6
Luminaries IP Standred	Indoor / Ourdoor IP 66
Luminaries Total Weight	7.1 Kg ( Approx )
Luminaries Starting Time	Rapid 0.4 Sec.
Luminaries Warrantly	3 Years
LED Make	Citizen / Bridgelux
LED Certification	LM 80
LED Lamp Type	COB
LED Lamp Lumen @25 Degree C	10598
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	73.6 W / 2000 mA / 36 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 ( Fulham / Eco Led )
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 Juction Temperature - Tj	< 83° C.
Luminaries Case Temperature - Tc	< 62° C.
MOC- Heat sink	Aluminium Casting - LM -06

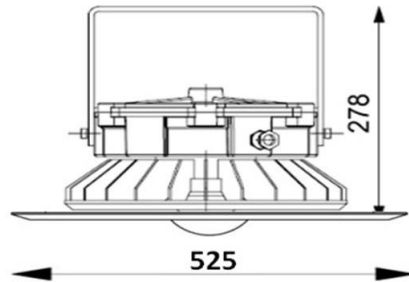
Certification : CIMFR & PESO Approved

Enclosure Make : Agnus / ILS



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## Schematic Drawing



- All Technical Parameterrrs & Drawing consider + - 05%

### SPECIALITY :

This Fixure is providing required spreaded illumination level without Glare through diffused 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

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