



# 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**

## 3R LIGHT - LED COB ( PREMIUM ) HIGH BAY LIGHT - 80 W



### Product Specification

Name	80 W Led COB High Bay Light
Model No	GENHBCOB-80P
Doc.No	GENHBCOB-80P/1
Date	02/02/2019.

### Application

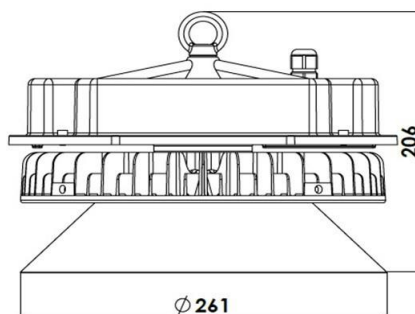
Work Shop / Ware House	Engineering Shop
Assembly Area	Airport
Fabrication Shop	Mall

### Technical Specification of Energy Efficient 80 W Led COB High Bay Light ( Premium ) - 3R LIGHT.

Characteristics	Standred Value
Luminaries Wattage	80 Watt ( ± 5% )
Luminaries Input Voltage	240 Voltage
Luminaries Input Frequency	50 Hz
Luminaries Input Current	0.38 A
Luminaries Power Factor & THD	>0.95 THD <10%
Luminaries Efficiency	89%
Luminaries Light Spreding Angle	60° / 90° / 120° / Diffuser Lens
Luminaries Temperture Class	T 6
Luminaries IP Standred	Indoor IP 65
Luminaries Total Weight	3.3 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	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 / 1915 mA / 37.4 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 Juction Temperature - Tj	< 83° C.
Luminaries Case Temperature - Tc	< 62° C.
MOC- Heat sink	Aluminium Casting - LM -06



## Schematic Drawing



- All Technical Parameterrers & Drawing consider + - 05%

### 3R Light SPECIALITY :

This Fixure 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**  
 SHOP NO.03 & 04, SUNCITY GARDEN PHASE NO.01, BEHIND NAVRATNA HOTEL, AT BHUVANESHWAR, POST- VARSE TAL. ROHA, DIST- RAIGAD, MAHARASHTRA 402109 INDIA. PH.NO.02194-233900, 8308378882, 8308378252  
 Email: [sales@genlights.in](mailto:sales@genlights.in), Web: [www.genlights.in](http://www.genlights.in)

**FACTORY I**  
 686, AT POST MEDHA, HANUMANT ALI, NEAR BHAI RI TEMPLE, TAL- ROHA, DIST-RAIGAD, MAHARASHTRA 402109 INDIA.

**FACTORY II**  
 SHED NO.9/10/11, SURVEY NO.298/1, NEAR L-230, NAGAPUR MIDC, AHMEDNAGAR 414111