

180W LED HW STREET LIGHT

Photometric & Electrical Measurement (As per IES LM 79-08 / IS 16106-12)

180W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 07/03/2019

HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Test Report

| Report Number: 03-07-2019 -002 | | ate: | 03-07-2019 |
|---|--|------|------------|
| Product Description: 180W Energy Efficient LED Street Light | | | |
| Product Catalogue Reference: HLSLD-06-180-CWL-R- | HL2 Bra | and: | HALONIX |
| Construction : Pressure die casted aluminum housing, Glass front visor, SMD I | .ED, Electronic driver etc. | | |
| Test Details: | Test Details: Document References/Standard: | | Standard: |
| Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement | IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" | | |
| Enclosures: | | | |
| Prepared By: | Approved By: | | |
| Sanjay Sharma | Rajeev Chhabra | | |

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Contact:

Frequency:

Total Power:

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Fax:

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Electrical & Photometric Test Report

| Photometric Test Report: (As | Per IES LM 79-08) | | | |
|-------------------------------|-------------------|---|-----------|------------|
| Sample ID: 03-07-2019 -002 | | | | |
| Catalogue Reference: | HLSLD-06-1 | HLSLD-06-180-CWL-R-HL2 | | 03-07-2019 |
| Testing Agency: | HTPL Labor | HTPL Laboratory | | HALONIX |
| Equipment Used: | EVERFINE B | EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe | | |
| | Photomete | Photometer (Type: PMS – 50/80) with Power Meter | | |
| | • | | | |
| Ambient Temperature: | 25±2°C | Relative Humidity: | 65% | |
| Test Voltage: | 240V | Frequency: | 50Hz | |
| Stabilization Time: | 30Min | Total Operating Time: | 1.30Hours | |
| | - | | | |
| Rated Performance Parameters | S: | | | |
| Rated Wattage : | 180W | Rated Input Current: | 0.829A | |
| Nomical CCT : | 5700K | Nominal CRI : | >70 | |
| • | • | • | • | |
| Measured Electrical Parameter | s: | | | |
| Supply Voltage: | 240V | Input Current : | 0.765A | |

| Photometric Measurement Data: | | | | |
|---|------------|--------------------------------|------------|--|
| Total Measured Lumen : | 21842.37lm | Luminaries Efficacy: | 121.61lm/W | |
| CCT: | 5851K | CRI: | 71.9 | |
| Light Intensity Distribution: | | Attached (Refer to Page No. 4) | | |
| pproved By: Rajeev Chhabra Tested By: Sanjay Sharma | | | | |

Power Factor:

0.978

50Hz

179.61W

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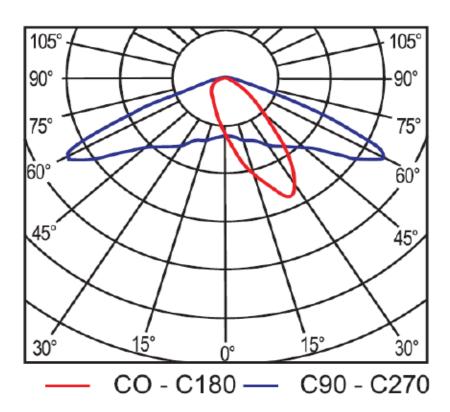
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Light intensity Distribution Diagram



| Catalogue Reference | HLSLD-06-180-CWL-R-HL2 | Sample ID | 03-07-2019 -002 |
|---------------------|------------------------|-----------|-----------------|