

40W LED HW STREET LIGHT

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

40W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 06/18/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

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Test Report

| Report Number: 18-06-2019 -002 | Date | : 18-06-2019 | |
|---|--|----------------------|--|
| Product Description: 40W Energy Efficient LED Street Light | | | |
| Product Catalogue Reference: HLSLD-09H-40-CWL-R | Branc | i: HALONIX | |
| Construction: | • | • | |
| Pressure die casted aluminum housing, Glass front visor, SMD | LED, Electronic driver etc. | | |
| Test Details: Document | | References/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: | Approve | d By: | |
| Sanjay Sharma | Rajeev Chhabra | | |

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

Photometric Test Report: (As Per IES LM 79-08)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Photometric Measurement Data:

Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Fax:

Web: http://www.halonix.co.in

Electrical & Photometric Test Report

| Campala ID. 10 00 2010 003 | 7 | | | |
|--|---------------------|---|----------------------------|------------|
| Sample ID: 18-06-2019 -002 | | | Testing Date: | T |
| Catalogue Reference: | HLSLD-09H- | HLSLD-09H-40-CWL-R | | 18-06-2019 |
| Testing Agency: | HTPL Labora | 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 | |
| icst voitage. | 12 10 1 | ricquericy. | 30112 | |
| Stabilization Time: | 30Min | Total Operating Time: | 1.30Hours | |
| | | | | |
| | 30Min | | | |
| Stabilization Time: | 30Min | | | |
| Stabilization Time: Rated Performance Parameter | 30Min | Total Operating Time: | 1.30Hours | |
| Stabilization Time: Rated Performance Parameter Rated Wattage : | 30Min | Total Operating Time: Rated Input Current: | 1.30Hours 0.193A | |
| Stabilization Time: Rated Performance Parameter Rated Wattage: Nomical CCT: | 30Min rs: 40W 5700K | Total Operating Time: Rated Input Current: | 1.30Hours 0.193A | |
| Stabilization Time: Rated Performance Parameter Rated Wattage : | 30Min rs: 40W 5700K | Total Operating Time: Rated Input Current: | 1.30Hours 0.193A | |
| Stabilization Time: Rated Performance Parameter Rated Wattage: Nomical CCT: Measured Electrical Paramete | 30Min rs: 40W 5700K | Rated Input Current: Nominal CRI: | 1.30Hours 0.193A >70 | |

4071.04lm 5785K Luminaries Efficacy:

Attached (Refer to Page No. 4) **Tested By:** Sanjay Sharma

CRI:

101.98lm/W

72.5

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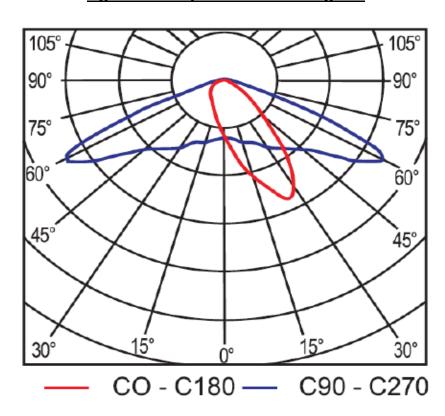
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Light intensity Distribution Diagram



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|---------------------|--------------------|-----------|-----------------|