

72W LED HW STREET LIGHT

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

72W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/10/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

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Test Report

| Report Number: 10-12- | 2019 -003 | | | Date: | 10-12-2019 | |
|--|-----------------------|--------------|--|------------|-------------------|--|
| Product Description: 72W Energy Efficient LED Street Lig | ht | | | | | |
| Product Catalogue Reference: | HLSLD-ML04 | -72-WWL | | Brand: | HALONIX | |
| Construction: | | | _ | | | |
| Pressure die casted aluminum hous | sing, Glass front vis | or, SMD LED, | Electronic driver etc | с. | | |
| | | | | | | |
| | •• | | | <u> </u> | /6: 1 1 | |
| Test Details: | | | Document References/Standard: | | | |
| Light intensity distribution Measurement | | • | 123 EIVI 73 00 Electrical and Hotometric | | | |
| Total Lumen output Measurement | | | Measurements of | Solid-Sta | te Lighting | |
| Electrical Parameters Measurement | | | Products" | | | |
| | | • | IS: 16106-2012 "N | | | |
| | | | Photometric solid | state ligh | nting (LED) | |
| | | | Products" | | | |
| | | • | IS: 16105-2012 "N | | | |
| | | | of Lumen mainten | ance of | solid state light | |
| | | | sources" | | | |
| Enclosures: | | | | | | |
| Prepared By: | | | Арр | roved B | y : | |
| Sanjay Sharma | | | Rajeev Chhabra | | | |
| | | | | | | |

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Electrical & Photometric Test Report

| Photometric Test Report: (As Per | IES LM 79-08) | | | | | | |
|----------------------------------|---|---|---------------|------------|--|--|--|
| Sample ID: 10-12-2019 -003 | , | | | | | | |
| Catalogue Reference: | HLSLD-ML04-72-WWL | | Testing Date: | 10-12-2019 | | | |
| Testing Agency: | HTPL Laboratory | | Brand: | HALONIX | | | |
| Equipment Used: | EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe | | | | | | |
| | Photometer | Photometer (Type: PMS – 50/80) with Power Meter | | | | | |
| | | 1 | | | | | |
| Ambient Temperature: | 25±2°C | Relative Humidity: | 65% | | | | |
| Test Voltage: | 240V | Frequency: | 50Hz | | | | |
| Stabilization Time: | 30Min | Total Operating Time: | 1.30Hours | | | | |
| | | | | | | | |
| Rated Performance Parameters: | | | | | | | |
| Rated Wattage : | 72W | Rated Input Current: | 0.347A | | | | |
| Nomical CCT : | 3000K | Nominal CRI: | >70 | | | | |
| Measured Electrical Parameters: | | | | | | | |
| Supply Voltage : | 240V | Input Current: 0.305A | | | | | |
| Frequency : | 50Hz | | | | | | |
| Total Power : | 71.89W | Power Factor : | 0.982 | | | | |
| | | | | | | | |
| Photometric Measurement Data: | | | | | | | |
| Total Measured Lumen : | 7413.3lm | Luminaries Efficacy: | 103.12lm/W | | | | |
| CCT: | 3133K | CRI: | 72.9 | | | | |
| Light Intensity Distribution: | | Attached (Refer to Page No. 4) | | | | | |
| Approved By: Rajeev Chhabra | | Tested By: Sanjay Sharma | | | | | |

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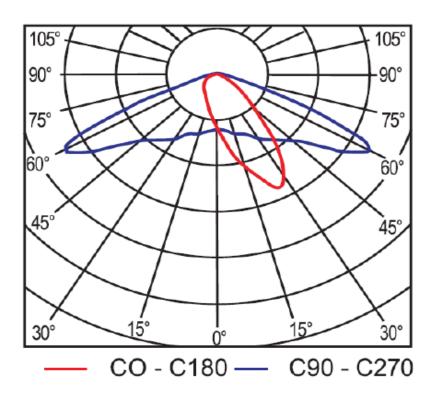
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Light intensity Distribution Diagram



| Catalogue Reference | HLSLD-ML04-72-WWL | Sample ID | 10-12-2019 -003 |
|---------------------|-------------------|-----------|-----------------|
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