

150W LED FLOOD LIGHT

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

150W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 10/04/2019

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: 04-10-2019 -003 | | Date: | 04-10-2019 |
|---|--|----------------|--|
| Product Description: 150W Energy Efficient LED Flood Light | | | |
| Product Catalogue Reference: HLFLD-ML14-150- | CWL-R B | Brand: | HALONIX |
| Construction: | • | | |
| Pressure die casted aluminum housing, Glass front visor, S | MD LED, Electronic driver etc | C. | |
| Test Details: | Document Ref | ferences | /Standard: |
| Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement | leasurement • IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting | | of Electrical and nting (LED) of measurement |
| Enclosures: | | | |
| Prepared By: | Appr | Approved By: | |
| Sanjay Sharma | Rajee | Rajeev Chhabra | |

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Electrical & Photometric Test Report

| Photometric Test Report: (As P | Opr IFS M 70_08) | | | | |
|--------------------------------|--------------------|---|------|------------|--|
| Sample ID: 04-10-2019 -003 | ei 123 21vi 73-08) | | | | |
| Catalogue Reference: | HLFLD-ML1 | HLFLD-ML14-150-CWL-R | | 04-10-2019 | |
| 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% | | |
| T 1 37 - 11 | 2.40)./ | F | FOLI | | |

| 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 : | 150W | Rated Input Current: | 0.691A |
| Nomical CCT : | 5700K | Nominal CRI : | >70 |

| Measured Electrical Parameters: | | | | |
|---------------------------------|---------|-----------------|--------|--|
| Supply Voltage: | 240V | Input Current : | 0.635A | |
| Frequency: | 50Hz | | | |
| Total Power : | 148.95W | Power Factor : | 0.977 | |

| Photometric Measurement Data: | | | |
|-------------------------------|------------|--------------------------------|------------|
| Total Measured Lumen : | 15042.46lm | Luminaries Efficacy: | 100.99lm/W |
| CCT: | 5861K | CRI: | 71.6 |
| Light Intensity Distribution: | | Attached (Refer to Page No. 4) | |
| Approved By: Rajeev Chhabra | | Tested By: Sanjay Sharma | |

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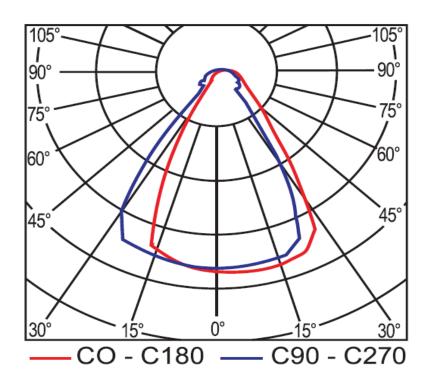
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Light intensity Distribution Diagram



| Catalogue Reference | HLFLD-ML14-150-CWL-R | Sample ID | 04-10-2019 -003 |
|---------------------|----------------------|-----------|-----------------|