

### **48W LED HW STREET LIGHT**

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

48W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 02/26/2019

# 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

Fax:

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

#### **Test Report**

Report Number: 26-02-2019 -001		26-02-2019
Product Description: 48W Energy Efficient LED Street Light		
Product Catalogue Reference: HLSLD-15-48-CWL-R	Brand	: HALONIX
Construction:	•	
Pressure die casted aluminum housing, Glass front visor, SMD LI	ED, Electronic driver etc.	
Test Details:	Document Referen	ces/Standard:
<ul> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>	<ul> <li>IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products"</li> <li>IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products"</li> <li>IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"</li> </ul>	
Enclosures:		
Prepared By:	Approved By:	
Sanjay Sharma	Rajeev Chhabra	

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**Total Measured Lumen:** 

**Light Intensity Distribution:** 

Approved By: Rajeev Chhabra

CCT:

#### **Electrical & Photometric Test Report**

Photometric Test Report: (As	Per IES LM 79-08)			
<b>Sample ID:</b> 26-02-2019 -001				
Catalogue Reference:	HLSLD-15-4	HLSLD-15-48-CWL-R		26-02-2019
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	
Stabilization Time:	30Min	<b>Total Operating Time:</b>	1.30Hours	
<b>Rated Performance Parameters</b>	:			
Rated Wattage :	48W	Rated Input Current:	0.232A	
Nomical CCT :	5700K	Nominal CRI:	>70	
	·	•		
Measured Electrical Parameters	<b>5:</b>			
Supply Voltage:	240V	Input Current :	0.203A	
Frequency:	50Hz			
Total Power :	47.89W	Power Factor :	0.983	
<b>D</b>	•	•	•	_
<b>Photometric Measurement Dat</b>	a:			

4834.5lm

5766K

Luminaries Efficacy:

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

CRI:

100.95lm/W

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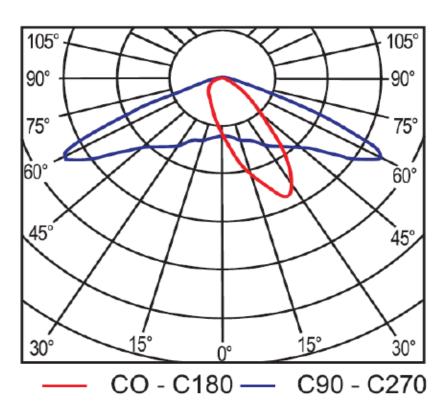
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-15-48-CWL-R	Sample ID	26-02-2019 -001