

### **60W LED HW STREET LIGHT**

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

**60W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 08/13/2019

## 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**

<b>Report Number:</b> 13-08-2019 -002	Date	13-08-2019
Product Description: 60W Energy Efficient LED Street Light		
Product Catalogue Reference: HLSLD-15-60-CWL-R-SI	H Brand	: HALONIX
Construction:	<u>.</u>	
Pressure die casted aluminum housing, Glass front visor, SMD L	ED, Electronic driver etc.	
Test Details:	Document Referer	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 Measurements of Solidal Products"</li> <li>IS: 16106-2012 "Methe Photometric solid states Products"</li> <li>IS: 16105-2012 "Methe of Lumen maintenance sources"</li> </ul>	State Lighting od of Electrical and lighting (LED) od of measurement
Enclosures:		
Prepared By:		d By:
Sanjay Sharma	Rajeev Ch	nabra

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

Photometric Test Report: (As Per IES LM 79-08)					
Sample ID: 13-08-2019 -002					
Catalogue Reference:	HLSLD-15-60-CWL-R-SH	Testing Date:	13-08-2019		
Testing Agency:	HTPL Laboratory	Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	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

Rated Performance Parameters:			
Rated Wattage :	60W	Rated Input Current:	0.289A
Nominal CCT :	5700K	Nominal CRI:	>70

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.254A
Frequency:	50Hz		
Total Power :	59.95W	Power Factor :	0.983

Photometric Measurement Data:			
Total Measured Lumen :	6121.49lm	Luminaries Efficacy:	102.11lm/W
CCT:	5810K	CRI:	72.1
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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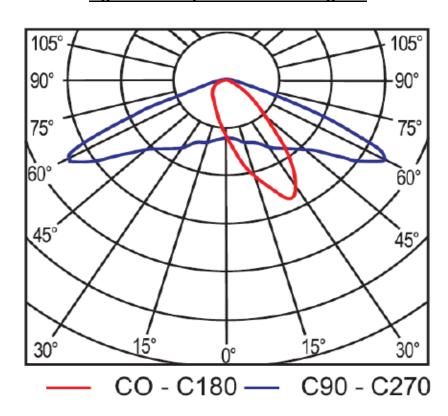
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#### **Light intensity Distribution Diagram**



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(	Catalogue Reference	HLSLD-15-60-CWL-R-SH	Sample ID	13-08-2019 -002	Ī