

### **60W LED LW 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) 06/27/2019

## 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**

<b>Report Number:</b> 27-06-2019 -002	Dat	te:	27-06-2019
Product Description: 60W Energy Efficient LED Street Light			
Product Catalogue Reference: HLSLD-15-60-CWL-RL	Brai	nd:	HALONIX
Construction:	•	•	
Pressure die casted aluminum housing, Glass front visor, SMD L	ED, Electronic driver etc.		
Test Details:	Document Refere	ences/	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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#### **Electrical & Photometric Test Report**

HLSLD-15-6	HLSLD-15-60-CWL-RL		27-06-2019
HTPL Labor	HTPL Laboratory		HALONIX
EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter			
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	HTPL Labor EVERFINE E Photomete	HTPL Laboratory EVERFINE Brand Gonio Photometer (Type	HTPL Laboratory  EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) a 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
Nomical CCT :	5700K	Nominal CRI:	>70

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.255A	
Frequency:	50Hz			
Total Power :	59.95W	Power Factor :	0.980	

Photometric Measurement Data:				
Total Measured Lumen :	6111.9lm	Luminaries Efficacy:	101.95lm/W	
CCT:	5844K	CRI:	71.5	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra Te		Tested By: Sanjay Sharma		

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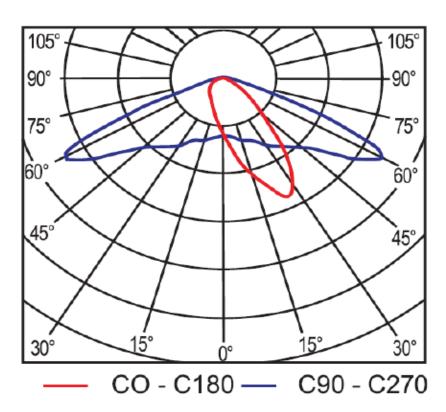
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-15-60-CWL-RL	Sample ID	27-06-2019 -002