

### **120W LED HW STREET LIGHT**

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

**120W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 08/26/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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#### **Test Report**

Report Number: 26-08-	2019 -003			Date:	26-08-2019
<b>Product Description:</b> 120W Energy Efficient LED Street Li	ght				
Product Catalogue Reference:	HLSLD-ML04-	120-CWL-HL2	-P	Brand:	HALONIX
<b>Construction</b> :  Pressure die casted aluminum hous	sing, Glass front visc	or, SMD LED (	OSRAM), Electron	ic driver e	tc.
Test Deta			Document R		•
<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> </ul>		
		•	IS: 16106-2012 'Photometric solid Products"		
		•	IS: 16105-2012 of Lumen mainte sources"		
Enclosures:				_	-
Prepared By:			Ap	proved By	<b>/</b> :
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#### **Electrical & Photometric Test Report**

•	r IES LM 79-08)					
Sample ID: 26-08-2019 -003	1		T	T		
Catalogue Reference:	HLSLD-ML04-	120-CWL-HL2-P	Testing Date:	26-08-2019		
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 :	120W	Rated Input Current:	0.553A			
Nomical CCT :	5700K	Nominal CRI:	>70			
	<u>.</u>	•	•			
<b>Measured Electrical Parameters:</b>						
Supply Voltage:	240V	Input Current :	0.505A			
Frequency:	50Hz					
Total Power :	118.98W	Power Factor :	0.982			
			•			
<b>Photometric Measurement Data:</b>						
Total Measured Lumen :	14538.17lm	Luminaries Efficacy:	122.19lm/W			
CCT:	5881K	CRI:	72.2			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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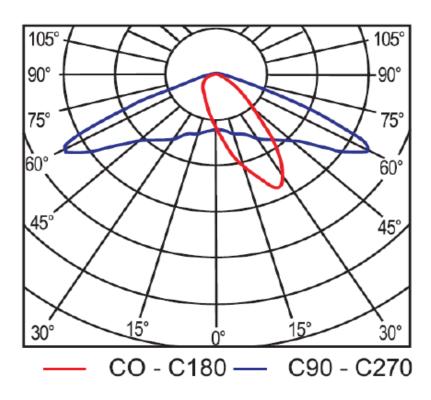
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-ML04-120-CWL-HL2-P	Sample ID	26-08-2019 -003
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