

### **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) 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**

<b>Report Number:</b> 26-02-2019 -003	D	ate:	26-02-2019
Product Description: 120W Energy Efficient LED Street Light			
Product Catalogue Reference: HLSLD-ML04-120-CWL	Br	rand:	HALONIX
Construction:			
Pressure die casted aluminum housing, Glass front visor, SMD L	ED, Electronic driver etc.		
Test Details:	Document Refe	erences	s/Standard:
Light intensity distribution Measurement	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement	Measurements of Solid-State Lighting		
Electrical Parameters Measurement	Products"		
	• IS: 16106-2012 "Mo		
	Photometric solid state lighting (LED) Products"		
	IS: 16105-2012 "Method of measurement		
	of Lumen maintenar sources"	nce of s	solid state light
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 II	S LM 79-08)					
Sample ID: 26-02-2019 -003						
Catalogue Reference:	HLSLD-ML04	HLSLD-ML04-120-CWL		26-02-2019		
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE Br	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photometer	Photometer (Type: PMS – 50/80) with Power Meter				
Ambient Temperature:	25±2°C	Relative Humidity:	65%			
Test Voltage:	240V	Frequency:	50Hz			
Stabilization Time:	30Min	30Min Total Operating Time: 1.30Hours				
Rated Performance Parameters:						
Rated Wattage :	120W	Rated Input Current:	0.553A			
Nomical CCT :	5700K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.505A			
Frequency:	50Hz					
Total Power :	118.98W	Power Factor :	0.982			
-		•	•			
Photometric Measurement Data:						

12039.59lm 5881K Luminaries Efficacy:

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

CRI:

101.19lm/W

72.2

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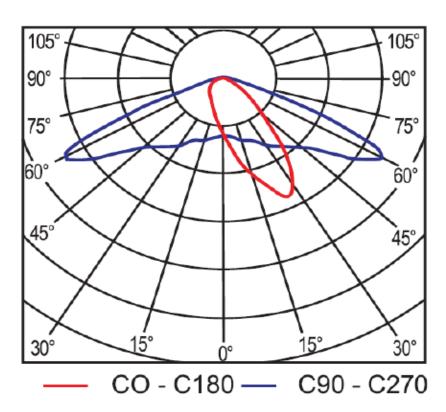
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-ML04-120-CWL	Sample ID	26-02-2019 -003