

### **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) 01/18/2019

# 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> 18-01-2019 -001		Date:	18-01-2019	
<b>Product Description:</b> 120W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:				
Pressure die casted aluminum housing, Glass front visor	, SMD LED, Electronic driver	etc.		
Test Details:	Document I	Document References/Standard:		
<ul> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>	Measurements of Products"  IS: 16106-2012 Photometric soll Products"  IS: 16105-2012	<ul> <li>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</li> </ul>		
Enclosures:				
Prepared By:	A	Approved By:		
Sanjay Sharma	Ra	Rajeev Chhabra		

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Approved By: Rajeev Chhabra

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

Photometric Test Report: (As Per	r IES LM 79-08)			
Sample ID: 18-01-2019 -001				
Catalogue Reference:			Testing Date:	18-01-2019
Testing Agency:	HTPL Laborate	HTPL Laboratory		HALONIX
Equipment Used:		EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter		
	,	71		
Ambient Temperature:	25±2°C	Relative Humidity:	65%	
Test Voltage:	240V	Frequency:	50Hz	
Stabilization Time:	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 :	119.23W	Power Factor :	0.984	
Photometric Measurement Data:				
Total Measured Lumen:	12159.08lm	Luminaries Efficacy:	101.98lm/W	
CCT:	5785K	CRI:	73.1	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		

Tested By: Sanjay Sharma

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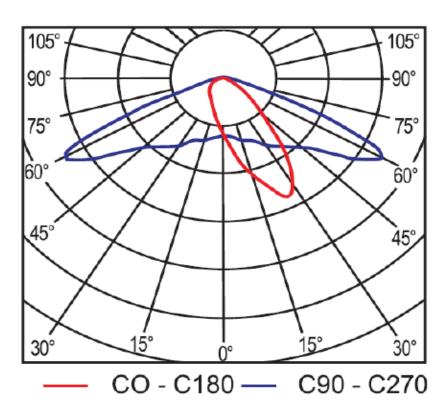
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### **Light intensity Distribution Diagram**



Catalogue Reference	Sample ID	18-01-2019 -001