

### **25W LED HW STREET LIGHT**

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

**25W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/11/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

Email: customercare@halonix.co.in

Fax:

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#### **Test Report**

eport Number: 11-01-2019 -002		Date:	11-01-2019	
Product Description: 25W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:				
Pressure die casted aluminum housing, Glass front viso	r, SMD LED, Electronic driver	etc.		
Test Details:	Document	Document References/Standard:		
<ul> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>	Measurements Products"  IS: 16106-201 Photometric so Products"  IS: 16105-201	<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</li> </ul>		
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma	R	Rajeev Chhabra		

11-01-2019

Date:

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

Photometric Test Report: (As Pe	r IES LM 79-08)				
Sample ID: 11-01-2019 -002					
Catalogue Reference:			Testing Date:	11-01-2019	
Testing Agency:	HTPL Laboratory		Brand:	HALONIX	
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Glol			nd 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	Total Operating Time:	1.30Hours		
<b>Rated Performance Parameters:</b>					
Rated Wattage :	25W	Rated Input Current:	0.121A		
Nomical CCT :	5700K	Nominal CRI:	>70		
	•	•	•		
<b>Measured Electrical Parameters:</b>					
Supply Voltage:	240V	Input Current :	0.106A		
Frequency:	50Hz				
Total Power :	24.98W	Power Factor :	0.982		
<b>Photometric Measurement Data:</b>					
Total Measured Lumen :	2797.26lm	Luminaries Efficacy:	111.98lm/W		
CCT:	5821K	CRI:	72.3		
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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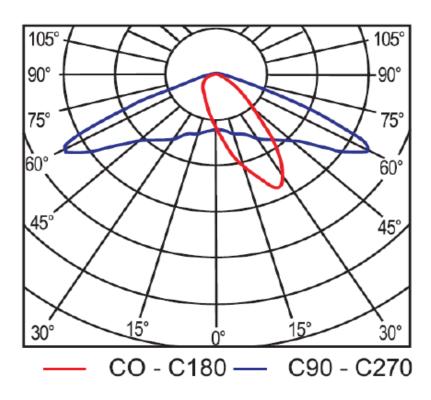
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### **Light intensity Distribution Diagram**



Catalogue Reference	Sample ID	11-01-2019 -002