

### **45W LED HW STREET LIGHT**

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

**45W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/30/2019

# 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: 30-1	2-2019 -002		Dat	e:	30-12-2019	
<b>Product Description:</b> 45W Energy Efficient LED Street	Light					
Product Catalogue Reference:	HLSLD-09H-45-	-WWL-R	Brar	nd:	HALONIX	
Construction:			•			
Pressure die casted aluminum ho	ousing, Glass front visor	, SMD LED, E	lectronic driver etc.			
Test Details:			Document References/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 "Met	hod o	f Electrical and	
			Photometric solid state lighting (LED)			
			Products"			
		•	IS: 16105-2012 "Metl	hod o	f measurement	
			of Lumen maintenance of solid state light			
			sources"			
Enclosures:						
Prepared By:			Approved By:			
Sanjay Sharma			Rajeev Chhabra			

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

Photometric Test Report: (As Per	IES LM 79-08)					
Sample ID: 30-12-2019 -002	,					
Catalogue Reference:	HLSLD-09H-45-WWL-R		<b>Testing Date:</b> 30-12-201			
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			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	<b>Total Operating Time:</b>	1.30Hours			
Rated Performance Parameters:						
Rated Wattage :	45W	Rated Input Current:	urrent: 0.217A			
Nomical CCT :	3000K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.191A			
Frequency :	50Hz					
Total Power :	44.91W	Power Factor :	0.980			
Photometric Measurement Data:				_		
	4570 04lm	Linguing Efficaci.	101 70lm /\/			
Total Measured Lumen :	4570.94lm	Luminaries Efficacy :	101.78lm/W			
CCT:	3120K	CRI: 72.4				
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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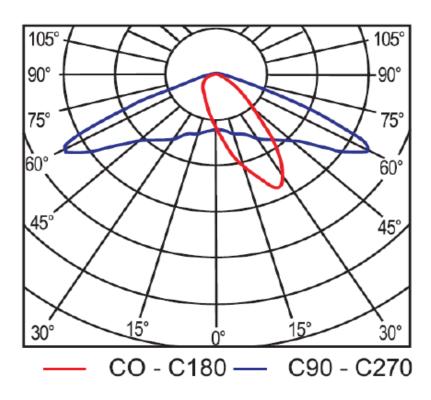
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-09H-45-WWL-R	Sample ID	30-12-2019 -002