

### **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) 12/04/2019

# 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> 04-12-2019 -001		Date:	04-12-2019	
Product Description:				
45W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:		•		
Pressure die casted aluminum housing, SMD LED, Elect	ronic driver etc.			
G, ,				
Test Details:	Docum	Document References/Standard:		
Light intensity distribution Measurement	• IES-LM-79-	08 "Electrical a	nd Photometric	
Total Lumen output Measurement	Measurem	Measurements of Solid-State Lighting		
Electrical Parameters Measurement	Products"	Products"		
	• IS: 16106-	2012 "Method	of Electrical and	
	Photometr	ic solid state lig	hting (LED)	
	Products"			
	• IS: 16105-	IS: 16105-2012 "Method of measurement		
	of Lumen n	naintenance of	solid state light	
	sources"		J	
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma		Rajeev Chhabra		

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

• `	er IES LM 79-08)				
Sample ID: 04-12-2019 -001			1	1	
Catalogue Reference:			Testing Date:	04-12-2019	
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE Bra	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 :	45W	Rated Input Current:	0.217A		
Nomical CCT :	5700K	Nominal CRI:	>70		
	•	•	•		
<b>Measured Electrical Parameters:</b>					
Supply Voltage:	240V	Input Current :	0.191A		
Frequency:	50Hz				
Total Power :	44.89W	Power Factor :	0.979		
<b>Photometric Measurement Data:</b>					
Total Measured Lumen :	4538.83lm	<b>Luminaries Efficacy:</b>	101.11lm/W		
CCT:	5898K	CRI:	72.7		
Light Intensity Distribution:		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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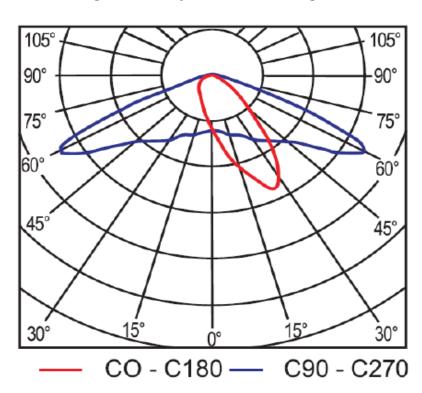
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#### **Light intensity Distribution Diagram**



Catalogue Reference	Sample ID	04-12-2019 -001