

### **80W LED HW STREET LIGHT**

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

**80W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 09/20/2019

# 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**

Report Number: 20-09-2	2019 -001			Date:	20-09-2019	
Product Description: 80W Energy Efficient LED Street Ligi	ht					
Product Catalogue Reference:	HLSLD-ML04-8	80-CWDL-R-H	IL2-P	Brand:	HALONIX	
Construction:						
Pressure die casted aluminum hous	ing, SMD LED(OSRA	M), Electron	ic driver etc.			
Test Details:			Document References/Standard:			
<ul> <li>Light intensity distribution Measurement</li> </ul>		•	• IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
		•	IS: 16106-2012 Photometric so Products"		of Electrical and hting (LED)	
		•	Photometric so Products"	lid state lig	hting (LED) of measurement	
Enclosures:			Photometric so Products" IS: 16105-2012 of Lumen maint	lid state lig	hting (LED) of measurement	
Enclosures: Prepared	Ву:		Photometric so Products" IS: 16105-2012 of Lumen maint sources"	lid state lig	hting (LED) of measurement solid state light	

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

Photometric Test Report: (As Pe	r IES LM 79-08)					
<b>Sample ID:</b> 20-09-2019 -001						
Catalogue Reference:	HLSLD-ML04-80-CWDL-R-HL2-P		Testing Date:	20-09-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe					
	Photometer (Type: PMS – 50/80) with Power Meter					
	ľ	1	•			
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 :	80W	Rated Input Current:	0.386A			
Nomical CCT :	5700K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	rent: 0.34A			
Frequency:	50Hz					
Total Power :	79.95W	Power Factor :	0.980			
Photometric Measurement Data:			<u> </u>			
Total Measured Lumen :	9876.22lm	Luminaries Efficacy:	123.53lm/W			
CCT:	5831K	CRI:	71.8			
<b>Light Intensity Distribution:</b>		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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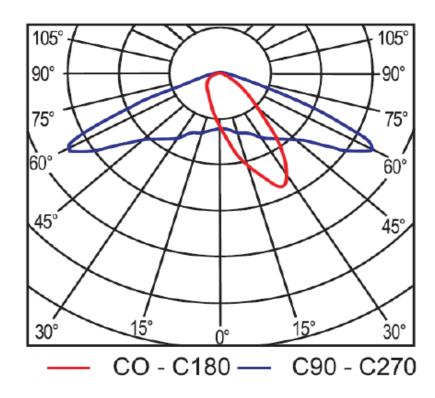
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-ML04-80-CWDL-R-HL2-P	Sample ID	20-09-2019 -001