

### **70W LED HW STREET LIGHT**

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

**70W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 11/26/2019

# 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: 26-1	11-2019 -001		Date:	26-11-2019		
<b>Product Description:</b> 70W Energy Efficient LED Street	Light					
Product Catalogue Reference:	HLSLD-ML04-70-	CWDL-R-HL2-P	Brand:	HALONIX		
Construction:						
Pressure die casted aluminum he	ousing, Glass front visor, S	SMD LED, Electronic driv	ver etc.			
Test Details:		Docume	Document References/Standard:			
Light intensity distribution Measurement		• IES-LM-79-08	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement		Measuremer	Measurements of Solid-State Lighting			
Electrical Parameters Measurement		Products"				
		• IS: 16106-20	012 "Method o	of Electrical and		
		Photometric Products"	solid state ligi	nting (LED)		
		• IS: 16105-20	012 "Method o	of measurement		
		of Lumen ma sources"	intenance of	solid state light		
Enclosures:						
Prepared By:			Approved By:			
Sanjay Sharma			Rajeev Chhabra			

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

• `	er IES LM 79-08)					
<b>Sample ID:</b> 26-11-2019 -001			1	•		
Catalogue Reference:	HLSLD-ML04	-70-CWDL-R-HL2-P	Testing Date:	26-11-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Bra	VERFINE 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			
<b>Rated Performance Parameters:</b>						
Rated Wattage :	70W	Rated Input Current:	0.338A			
Nomical CCT :	5700K	Nominal CRI:	>70			
	•	•	•			
<b>Measured Electrical Parameters:</b>						
Supply Voltage:	240V	Input Current :	0.3A			
Frequency:	50Hz					
Total Power :	70.51W	Power Factor :	0.979			
<b>Photometric Measurement Data:</b>						
Total Measured Lumen :	8612.09lm	Luminaries Efficacy:	122.14lm/W			
CCT:	5863K	CRI:	72.2			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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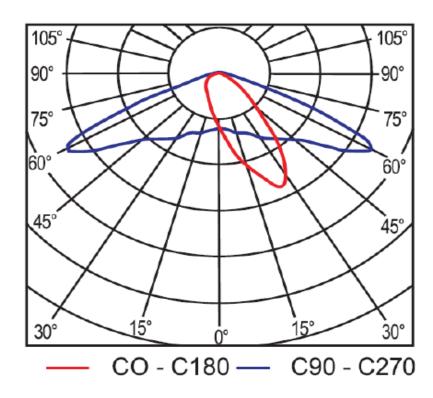
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-ML04-70-CWDL-R-HL2-P	Sample ID	26-11-2019 -001