

### **100W LED HW STREET LIGHT**

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

**100W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 07/26/2019

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

26-07-2019 -002

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

Email: customercare@halonix.co.in

Fax:

Web: http://www.halonix.co.in

#### **Test Report**

Product Description: 100W Energy Efficient LED Street Light							
Product Catalogue Reference:	HLSLD-ML04-100-CWL-P		Brand:	HALONIX			
Construction: Pressure die casted aluminum housi	ng, Glass front visor, S	MD LED(OSRAM), E	lectronic driver et	tc.			
Test Details:  Light intensity distribution Measurement  Total Lumen output Measurement  Electrical Parameters Measurement		Document References/Standard:					
		<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 sources"</li> </ul>					
		• IS: 1610 of Lumen	5-2012 "Method o				
		• IS: 1610 of Lumen	5-2012 "Method of smaintenance of s	solid state light			
Enclosures: Prepared B	Зу:	• IS: 1610 of Lumen	5-2012 "Method o	solid state light			

26-07-2019

Date:

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

• ` `	er IES LM 79-08)				
<b>Sample ID:</b> 26-07-2019 -002	-				
Catalogue Reference:	HLSLD-ML04-100-CWL-P		<b>Testing Date:</b>	26-07-2019	
Testing Agency:	HTPL Laborat	ory	Brand:	HALONIX	
Equipment Used:	EVERFINE Bra	e: GO - 2000B V1) a	ınd 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 :	100W	Rated Input Current:	0.482A		
Nomical CCT :	5700K	Nominal CRI:	>70		
	-	•	•		
<b>Measured Electrical Parameters:</b>					
Supply Voltage:	240V	Input Current :	0.424A		
Frequency:	50Hz				
Total Power :	99.83W	Power Factor :	0.981		
			•		
<b>Photometric Measurement Data:</b>					
Total Measured Lumen :	10374.33lm	Luminaries Efficacy :	103.92lm/W		
CCT:	5769K	CRI:	71.7		
Light Intensity Distribution:		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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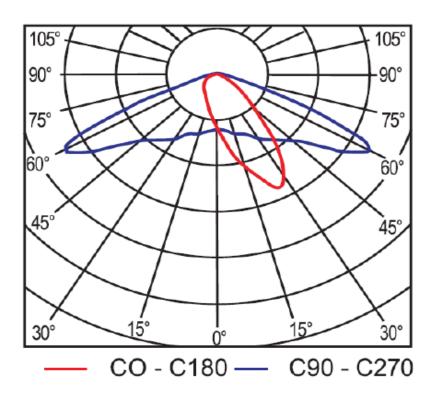
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-ML04-100-CWL-P	Sample ID	26-07-2019 -002
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