

### **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) 05/26/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

Fax:

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

#### **Test Report**

Report Number: 26-05-2019 -002		Date:	26-05-2019		
Product Description:					
100W Energy Efficient LED Street Light					
Product Catalogue Reference:	HLSLD-ML04-100-CV	WL-P	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housing,	Glass front visor, SM	D LED, Electronic driver	etc.		
Test Details:		Document	Reference	s/Standard:	
Light intensity distribution Measurement		• IES-LM-79-08 "	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurements	of Solid-Sta	ate Lighting	
Electrical Parameters Measurement		Products"			
		• IS: 16106-2012	"Method	of Electrical and	
		Photometric so	lid state lig	hting (LED)	
		Products"			
		• IS: 16105-2012	"Method	of measurement	
		of Lumen maint	enance of	solid state light	
		sources"			
Enclosures:					
Prepared By:		A	pproved B	y:	
Sanjay Sharma		Ra	Rajeev Chhabra		

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

Photometric Test Report: (As Per IES LM 79-08)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

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**Photometric Measurement Data:** 

**Total Measured Lumen:** 

**Light Intensity Distribution:** 

Approved By: Rajeev Chhabra

CCT:

Fax:

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

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

<b>Sample ID:</b> 26-05-2019 -002					
Catalogue Reference:	HLSLD-ML0	HLSLD-ML04-100-CWL-P		26-05-2019	
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			
	Photomete	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	s:				
Rated Wattage :	100W	Rated Input Current:	0.482A		
Nomical CCT :	5700K	Nominal CRI:	>70		
Measured Electrical Parameter	rs:				
Supply Voltage:	240V	Input Current :	0.424A		
Frequency:	50Hz				
Total Power :	99.83W	Power Factor :	0.981		

10174.67lm

5769K

Luminaries Efficacy:

Attached (Refer to Page No. 4) **Tested By:** Sanjay Sharma

CRI:

101.92lm/W

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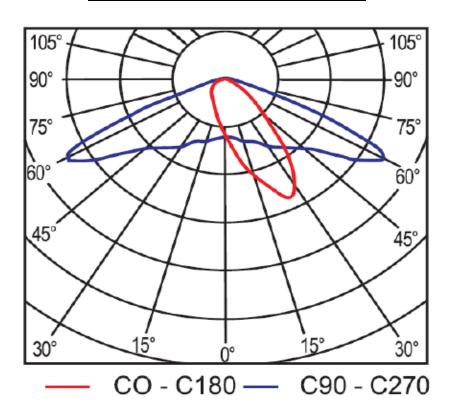
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#### **Light intensity Distribution Diagram**



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