

### 90W LED HW STREET LIGHT

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

90W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/10/2019

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

10-12-2019 -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: 90W Energy Efficient LED Street Light							
Product Catalogue Reference: HLSLD-MI	HLSLD-MLC04-90-WWL		HALONIX				
<b>Construction</b> : Pressure die casted aluminum housing, Glass front	ruisar CMD IED Flaatrania dei	vor etc					
			c/Standard				
<ul> <li>Test Details:</li> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>	IES-LM-79-0     Measureme     Products"	Measurements of Solid-State Lighting Products"					
	Products"  IS: 16105-2  of Lumen m	012 "Method	hting (LED) of measurement				
	Products"  IS: 16105-2  of Lumen m	012 "Method of aintenance of	hting (LED) of measurement solid state light				
Enclosures:  Prepared By:  Sanjay Sharma	Products"  IS: 16105-2  of Lumen m	012 "Method	hting (LED)  of measurement solid state light   y:				

10-12-2019

Date:

# 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

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

Photometric Test Report: (As P	er IES LM 79-08)				
Sample ID: 10-12-2019 -002					
Catalogue Reference:	HLSLD-MLC04-90-WWL		Testing Date:	10-12-2019	
Testing Agency:	HTPL Laboratory		Brand:	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 :	90W	Rated Input Current:	0.434A		
Nomical CCT :	3000K	Nominal CRI :	>70		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.381A		
Frequency:	50Hz				
Total Power :	89.66W	Power Factor :	0.981		
Photometric Measurement Data	<u>:</u>				
Total Measured Lumen:	9205.39lm	Luminaries Efficacy:	102.67lm/W		
CCT:	3182K	CRI:	71.7		
Light Intensity Distribution:		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

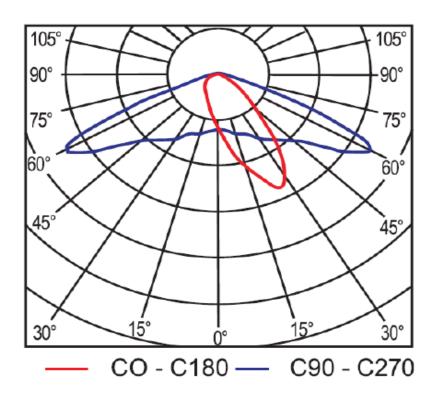
Contact:

Email: customercare@halonix.co.in

Fax:

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

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



Catalogue Reference	HLSLD-MLC04-90-WWL	Sample ID	10-12-2019 -002