

### 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) 05/13/2019

# 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: 13-05-2	019 -001		Date:	13-05-2019	
<b>Product Description:</b> 90W Energy Efficient LED Street Ligh	nt				
Product Catalogue Reference:	HLSLD-ML04-9	0-CWL-LDR	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housi	ng, Glass front viso	r, SMD LED, Electron	ic driver etc.		
Test Detai	ls:	Do	Document References/Standard:		
Light intensity distribution Measurement		• IES-LM	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measu	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Produc	ts"		
			.06-2012 "Method netric solid state lig		
		Produc	ts"		
		• IS: 161	105-2012 "Method	of measurement	
		of Lum sources	en maintenance of	solid state light	
Enclosures:					
Prepared By:			Approved By:		
Sanjay Sharma			Rajeev Chhabra		

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

Photometric Test Report: (As Pe	r IES LM 79-08)			
Sample ID: 13-05-2019 -001				
Catalogue Reference:	HLSLD-ML0	4-90-CWL-LDR	Testing Date:	13-05-2019
Testing Agency:	HTPL Labor	atory	Brand:	HALONIX
Equipment Used:		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	Total Operating Time:	1 30Hours	

Stabilization Time:	BUIVIIN	Total Operating Time:	1.30Hours	
Rated Performance Parameters:				
Rated Wattage :	90W	Rated Input Current:	0.434A	

Nominal CRI:

>70

5700K

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.382A	
Frequency:	50Hz			
Total Power :	89.95W	Power Factor :	0.981	

Photometric Measurement Data:			
Total Measured Lumen :	9098.44lm	Luminaries Efficacy:	101.15lm/W
CCT:	5801K	CRI:	71.4
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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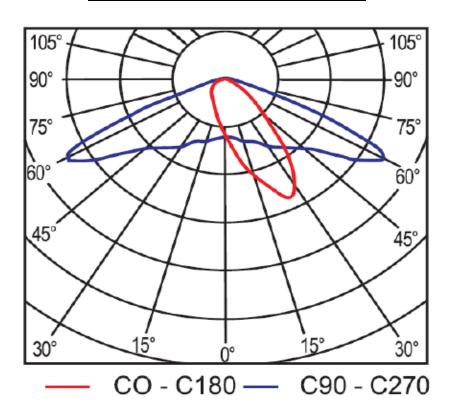
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#### **Light intensity Distribution Diagram**



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Catalogue Reference	HLSLD-ML04-90-CWL-LDR	Sample ID	13-05-2019 -001