

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) 11/07/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

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Test Report

Report Number: 07-11-2	2019 -002			Date:	07-11-2019	
Product Description: 90W Energy Efficient LED Street Lig	ht					
Product Catalogue Reference:	HLSLD-MLC04	-90-CWDL-R		Brand:	HALONIX	
Construction:						
Pressure die casted aluminum hous	ing, PC front visor,	SMD LED, Ele	ectronic driver etc.			
Test Details:			Document References/Standard:			
Light intensity distribution Measurement		•	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
		•	IS: 16106-2012 ' Photometric solid Products"			
		•	IS: 16105-2012 of Lumen mainte sources"			
Enclosures:						
Prepared By:			Approved By:			

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Electrical & Photometric Test Report

Photometric Test Report: (As Per	r IES LM 79-08)					
Sample ID: 07-11-2019 -002						
Catalogue Reference:	HLSLD-MLC04	HLSLD-MLC04-90-CWDL-R		07-11-2019		
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photometer (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			
Rated Performance Parameters:						
Rated Wattage :	90W	Rated Input Current:	0.434A			
Nomical CCT :	5700K	Nominal CRI:	>70			
	•	•	•			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current: 0.374A				
Frequency:	50Hz					
Total Power :	88.11W	Power Factor :	0.982			
Photometric Measurement Data:						
Total Measured Lumen :	9161.68lm	Luminaries Efficacy :	103.98lm/W			
CCT:	5887K	CRI:	73.1			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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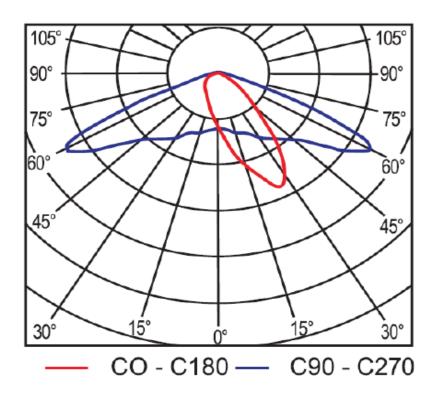
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Light intensity Distribution Diagram



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