

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) 01/03/2020

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

03-01-2020 -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-MLC04-90-CWL			Brand:	HALONIX		
Construction : Pressure die casted aluminum housir	ng, Glass front visor, SMD L	ED,	Electronic driver	etc.			
Test Details: Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement		Document References/Standard:					
		 IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" 					
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Enclosures: Prepared B	y:		Photometric sol Products" IS: 16105-2012 of Lumen maint sources"	id state lig	hting (LED) of measurement solid state light		

03-01-2020

Date:

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	er IES LM 79-08)						
Sample ID: 03-01-2020 -002				_			
Catalogue Reference:	HLSLD-MLC04-90-CWL		Testing Date:	03-01-2020			
Testing Agency:	HTPL Laboratory		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				
Rated Performance Parameters:							
Rated Wattage :	90W	Rated Input Current:	0.434A				
Nomical CCT :	5700K	Nominal CRI:	>70				
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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 :	9144.32lm	Luminaries Efficacy:	101.66lm/W				
CCT:	5898K	CRI:	71.7				
Light Intensity Distribution:		Attached (Refer to Page No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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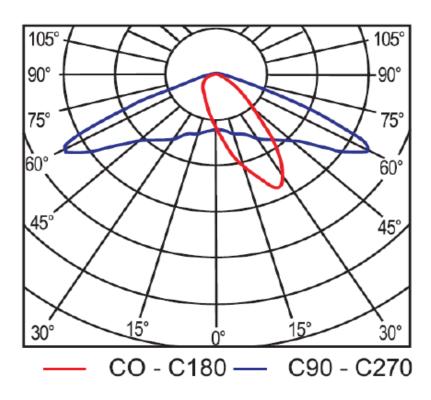
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Light intensity Distribution Diagram



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