

72W LED HW STREET LIGHT

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

72W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 11/13/2019

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: 13-11-2	2019 -002			Date:	13-11-2019		
Product Description: 72W Energy Efficient LED Street Ligh	nt						
Product Catalogue Reference:	HLSLD-ML04-	-72-CWDL-R-F	· IL2	Brand:	HALONIX		
Construction:			<u>.</u>				
Pressure die casted aluminum hous	ing, PC front visor,	, SMD LED, Ele	ectronic driver etc				
Test Details:			Document References/Standard:				
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 		•	 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" 				
Enclosures:							
	_				Approved By:		
Prepared	Ву:		Al	pproved By	/:		

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Electrical & Photometric Test Report

Photometric Test Report: (As P	er IES LM 79-08)						
Sample ID: 13-11-2019 -002							
Catalogue Reference:	HLSLD-ML04	-72-CWDL-R-HL2	Testing Date:	13-11-2019			
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 :	72W	Rated Input Current:	0.347A				
Nomical CCT :	5700K	Nominal CRI:	>75				
		•	·				
Measured Electrical Parameters:	1						
Supply Voltage:	240V	Input Current :	0.307A				
Frequency:	50Hz						
Total Power :	71.91W	Power Factor :	0.976				
Photometric Measurement Data	:						
Total Measured Lumen :	8771.58lm	Luminaries Efficacy:	121.98lm/W				
CCT:	5809K	CRI:	76.2				
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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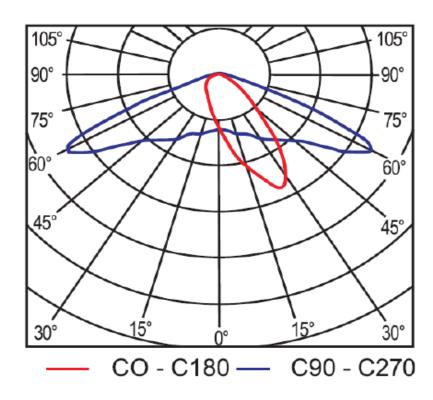
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Light intensity Distribution Diagram



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