

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) 02/18/2019

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: 18-02-2019 -001		Date:	18-02-2019
Product Description: 72W Energy Efficient LED Street Light			
Product Catalogue Reference: HLSLD-10-72-CWL-I	В	Brand:	HALONIX
Construction:			
Pressure die casted aluminum housing, Glass front visor, SMD L	ED, Electronic driver etc.	.	
Test Details: Document		ferences	/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" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" 		
Enclosures:			
Prepared By:	Approved By:		
Sanjay Sharma	Sanjay Sharma Rajeev Chhabra		ora

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	er IES LM 79-08)				
Sample ID: 18-02-2019 -001					
Catalogue Reference:	HLSLD-10-72	HLSLD-10-72-CWL-I		18-02-2019	
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 Townsysture	25±2°C	Dolotivo Uveriditus	CE0/		
Ambient Temperature:		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:	>70		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.304A		
Frequency:	50Hz	P · · · · · ·			
Total Power :	71.96W	Power Factor :	0.986		
Photometric Measurement Data:					
Total Measured Lumen :	7400.37lm	Luminaries Efficacy :	102.84lm/W		
CCT :	5856K	CRI:	72.8		
Light Intensity Distribution:	1	Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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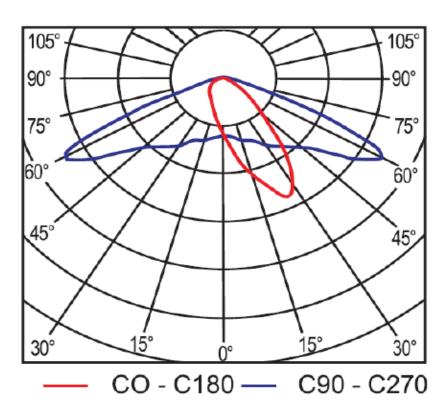
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-10-72-CWL-I	Sample ID	18-02-2019 -001