

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) 02/26/2019

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: 26-02-20)19 -001			Date:	26-02-2019	
Product Description: 72W Energy Efficient LED Street Light	t					
Product Catalogue Reference:	HLSLD-ML04-7	2-NWL		Brand:	HALONIX	
Construction:						
Pressure die casted aluminum housir	ng, Glass front viso	r, SMD LED,	Electronic driver	etc.		
		1		- ·	<i>1</i> 0. 1 1	
Test Detail			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 sol			
			Products"		•	
		•	IS: 16105-2012 of Lumen maint sources"		of measurement 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	er IES LM 79-08)					
Sample ID: 26-02-2019 -001						
Catalogue Reference:	HLSLD-ML04-	HLSLD-ML04-72-NWL		26-02-2019		
Testing Agency:	HTPL Laborat	HTPL Laboratory		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 :	72W	Rated Input Current:	0.347A			
Nomical CCT :	4000K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current: 0.305A				
Frequency :	50Hz	·				
Total Power :	71.51W	Power Factor :	0.977			
Photometric Measurement Data:						
Total Measured Lumen :	7232.52lm	Luminaries Efficacy :	101.14lm/W			
CCT:	4119K	CRI:	72.2			
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)	_		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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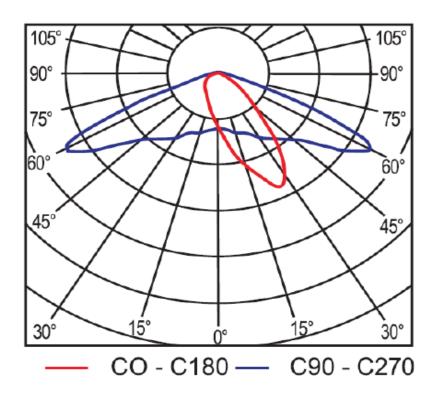
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-ML04-72-NWL	Sample ID	26-02-2019 -001