

60W LED HW STREET LIGHT

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

60W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/09/2020

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: 09-01-	-2020 -001		Date:	09-01-2020	
Product Description: 60W Energy Efficient LED Street Lig	ght				
Product Catalogue Reference:	HLSLD-ML04-60	0-CWL-DIMM-RTC	Brand:	HALONIX	
Pressure die casted aluminum hou	sing, Glass front visor	r, SMD LED, Electronic drive	er etc.		
Test Details:		Docume	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" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" 			
Employumos		sources"			
		sources"			
Enclosures: Prepared	By:	sources"	Approved B	y:	

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	r IES LM 79-08)					
Sample ID: 09-01-2020 -001						
Catalogue Reference:	HLSLD-ML04-60-CWL-DIMM-RTC		Testing Date:	09-01-2020		
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 :	60W	Rated Input Current:	0.289A			
Nomical CCT :	5700K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.256A			
Frequency:	50Hz					
Total Power :	59.86W	Power Factor :	0.974			
Photometric Measurement Data:						
Total Measured Lumen :	6044.66lm	Luminaries Efficacy:	100.98lm/W			
CCT:	5810K	CRI:	72.3			
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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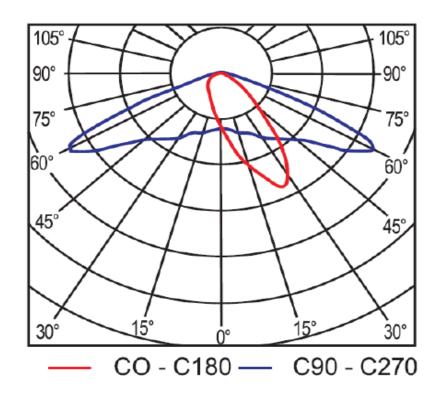
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Light intensity Distribution Diagram



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