

45W LED LW STREET LIGHT

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

45W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/16/2019

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: 16-12-20	19 -003		Date:	16-12-2019	
Product Description: 45W Energy Efficient LED Street Light					
Product Catalogue Reference:	HLSLD-25-45-CWL-RL		Brand:	HALONIX	
Construction: Pressure die casted aluminum housin	g, Glass front visor, SMD	LED, Electronic driver et	tc.		
Test Details:		Document Re	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" 			
Enclosures:			, _		
Prepared By:		Approved By:			
Sanjay Sharma		Rajeev Chhabra			

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Electrical & Photometric Test Report

Photometric Test Report: (As Po	er IES LM 79-08)						
Sample ID: 16-12-2019 -003							
Catalogue Reference:	HLSLD-25-4	HLSLD-25-45-CWL-RL		16-12-2019			
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX			
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe					
	Photomete	Photometer (Type: PMS – 50/80) with Power Meter					
Ambient Temperature:	25±2°C	Relative Humidity:	65%				
•	240V						
Test Voltage:		Frequency:	50Hz				
Stabilization Time:	30Min	Total Operating Time:	1.30Hours				
Rated Performance Parameters:							
Rated Wattage :	45W	Rated Input Current:	0.217A				
Nomical CCT :	5700K	Nominal CRI :	>70				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current :	0.191A				
Frequency :	50Hz						
Total Power :	44.87W	Power Factor :	0.979				
Photometric Measurement Data:							
Total Measured Lumen :	4522lm	Luminaries Efficacy:	100.78lm/W				
CCT :	5786K	CRI:	72.1				
Light Intensity Distribution:	13700K	Attached (Refer to Page I					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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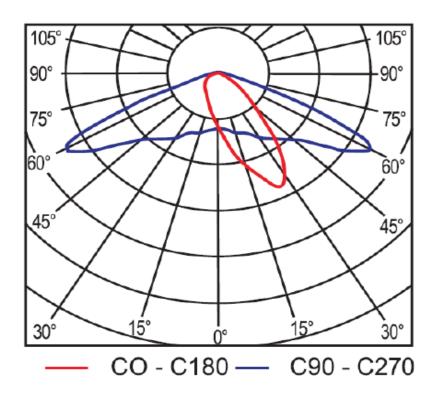
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-25-45-CWL-RL	Sample ID	16-12-2019 -003
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