

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) 08/13/2019

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: 13-08-20	019 -003		Date:	13-08-2019		
Product Description: 50W Energy Efficient LED Street Ligh	t					
Product Catalogue Reference:	HLSLD-15-60-	WWL-R-SH	Brand:	HALONIX		
Construction:						
Pressure die casted aluminum housir	ng, Glass front vis	or, SMD LED, Elec	tronic driver etc.			
	<u>.</u>	•				
Test Details:			Document References/Standard:			
Light intensity distribution Measurement		• IES	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement		Me	Measurements of Solid-State Lighting			
Electrical Parameters Measurement		Pro	oducts"			
		• IS:	: 16106-2012 "Method	of Electrical and		
		Pho	otometric solid state lig	ghting (LED)		
		Pro	oducts"			
		• IS:	: 16105-2012 "Method	of measurement		
		of I	Lumen maintenance of	solid state light		
		sou	ırces"			
Enclosures:						
Prepared By:			Approved By:			
Sanjay Sharma			Rajeev Chhabra			

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Electrical & Photometric Test Report

Photometric Test Report: (As P	er IES LM 79-08)					
Sample ID: 13-08-2019 -003	·					
Catalogue Reference:	HLSLD-15-60	HLSLD-15-60-WWL-R-SH		13-08-2019		
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) an				
	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			
Nominal CCT :	3000K	Nominal CRI :	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.256A			
Frequency:	50Hz					
Total Power :	59.98W	Power Factor :	0.976			
Photometric Measurement Data	:					
Total Measured Lumen:	6176.74lm	Luminaries Efficacy:	102.98lm/W			
CCT:	3110K	CRI:	71.5			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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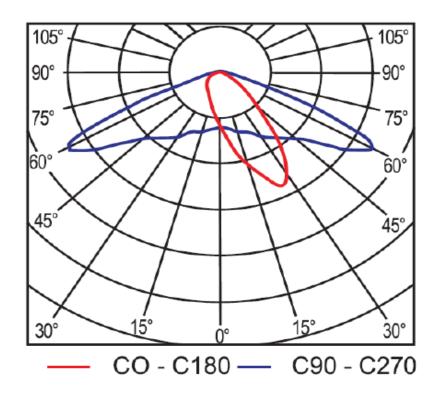
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-15-60-WWL-R-SH	Sample ID	13-08-2019 -003
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