

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) 01/31/2019

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: 31-01-203	19 -001		Date:	31-01-2019	
Product Description: 60W Energy Efficient LED Street Light					
Product Catalogue Reference:	HLSLD-21F-60-	-CWL	Brand:	HALONIX	
Construction:			•		
Pressure die casted aluminum housing	g, Glass front viso	or, SMD LED, Electronic drive	er etc.		
Test Details	:	Documen	t Reference	s/Standard:	
 Light intensity distribution Measu 	ırement	• IES-LM-79-08	• IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurement	Measurements of Solid-State Lighting		
 Electrical Parameters Measurement 	ent	Products"			
		• IS: 16106-201	IS: 16106-2012 "Method of Electrical and		
		Photometric se Products"	olid state lig	hting (LED)	
			2 "Method	of measurement	
			of Lumen maintenance of solid state light		
		sources"	recharice or	some state iignt	
Enclosures:					
Prepared By:			Approved By:		
Sanjay Sharma		F	Rajeev Chhabra		

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES LM 79-08)					
Sample ID: 31-01-2019 -001					
Catalogue Reference:	HLSLD-21F-60-	CWL	Testing Date:	31-01-2019	
Testing Agency:	HTPL Laborato	ry	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%		

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 :	0.25A
Frequency:	50Hz		
Total Power :	58.89W	Power Factor :	0.982

Photometric Measurement Data:				
Total Measured Lumen :	6059.19lm	Luminaries Efficacy:	102.89lm/W	
CCT:	5740K	CRI:	72.5	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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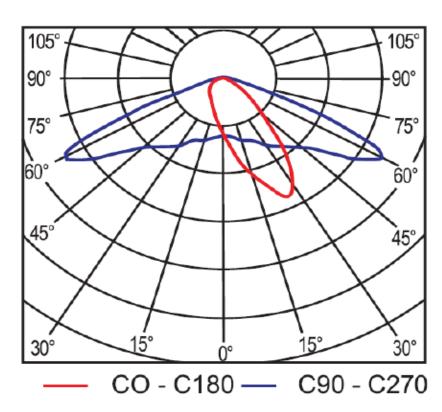
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-21F-60-CWL	Sample ID	31-01-2019 -001