

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) 12/03/2019

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: 03-12-2019 -002		Date:	03-12-2019	
Product Description: 60W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:		•	•	
Pressure die casted aluminum housing, PC front viso	, SMD LED, Electro	onic driver etc.		
Test Details:		Document References/Standard:		
Light intensity distribution Measurement	• IE	S-LM-79-08 "Electrical a	and Photometric	
 Total Lumen output Measurement 	М	Measurements of Solid-State Lighting		
 Electrical Parameters Measurement 	Pr	Products"		
	• IS	: 16106-2012 "Method	of Electrical and	
	Ph	otometric solid state lig	ghting (LED)	
	Pr	oducts"		
	• IS	• IS: 16105-2012 "Method of measurement		
		of Lumen maintenance of solid state light		
	SO	urces"		
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma		Rajeev Chhabra		

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Electrical & Photometric Test Report

• `	er IES LM 79-08)					
Sample ID: 03-12-2019 -002				_		
Catalogue Reference:			Testing Date:	03-12-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and			ind 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 :	0.255A			
Frequency:	50Hz					
Total Power :	59.96W	Power Factor :	0.980			
Photometric Measurement Data:						
Total Measured Lumen :	6122.52lm	Luminaries Efficacy:	102.11lm/W			
CCT:	5808K	CRI:	72.1			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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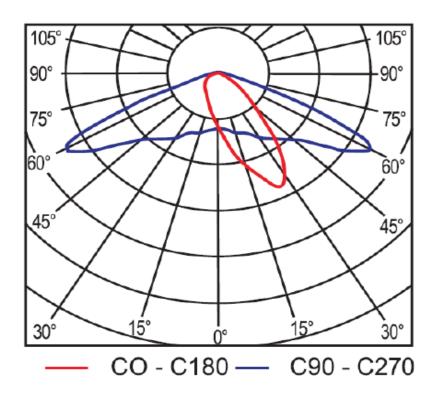
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Light intensity Distribution Diagram



Catalogue Reference	Sample ID	03-12-2019 -002
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