

48W LED HW STREET LIGHT

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

48W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634)
10/21/2019

HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

21-10-2019 -001

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

Email: customercare@halonix.co.in

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Test Report

Product Description: 48W Energy Efficient LED Street Light							
Product Catalogue Reference:	HLSLD-15-48-CWL-R		Brand:	HALONIX			
Construction: Pressure die casted aluminum housin	g, Glass front visor, SMD LE	D, Electronic driver (etc.				
 Test Details Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 	irement nt ent	 Document References/Standard: IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and 					
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Enclosures: Prepared By		Products" IS: 16105-2012 of Lumen mainte sources"	"Method	of measurement solid state light			

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Electrical & Photometric Test Report

Photometric Test Report: (As Po	er IES LM 79-08)					
Sample ID: 21-10-2019 -001						
Catalogue Reference:	HLSLD-15-48-	HLSLD-15-48-CWL-R		21-10-2019		
Testing Agency:	HTPL Laborat	HTPL Laboratory		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 :	48W	Rated Input Current:	0.232A			
Nomical CCT :	5700K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.2A			
Frequency:	50Hz					
Total Power :	47.23W	Power Factor :	0.984			
Photometric Measurement Data:	,					
Total Measured Lumen :	4926.56lm	Luminaries Efficacy :	104.31lm/W			
CCT:	5740K	CRI:	72.9			
Light Intensity Distribution:			Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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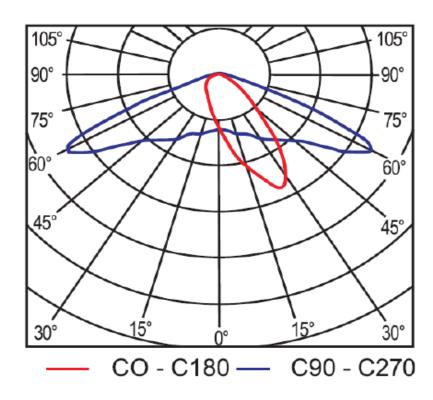
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Light intensity Distribution Diagram



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