

120W LED HW STREET LIGHT

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

120W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/26/2019

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

26-12-2019 -002

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: 120W Energy Efficient LED Street Light						
Product Catalogue Reference:	HLSLD-ML04-1	HLSLD-ML04-120-CWL-HL1-P		HALONIX		
Construction: Pressure die casted aluminum hous	ing, Glass front viso	r, SMD LED, Electronic dri	ver etc.			
Test Details: Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement		Document References/Standard:				
		 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" 				
		Products" IS: 16105-2 of Lumen m	2012 "Method	of measurement		
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Electrical & Photometric Test Report

Photometric Test Report: (As Po	er IES LM 79-08)					
Sample ID: 26-12-2019 -002						
Catalogue Reference:	HLSLD-ML04-	HLSLD-ML04-120-CWL-HL1-P		26-12-2019		
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 :	120W	Rated Input Current:	0.553A			
Nomical CCT :	5700K	Nominal CRI:	>70			
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Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.509A			
Frequency:	50Hz					
Total Power :	119.71W	Power Factor :	0.980			
Photometric Measurement Data :						
Total Measured Lumen :	13304.57lm	Luminaries Efficacy:	111.14lm/W			
CCT:	5889K	CRI:	72.4			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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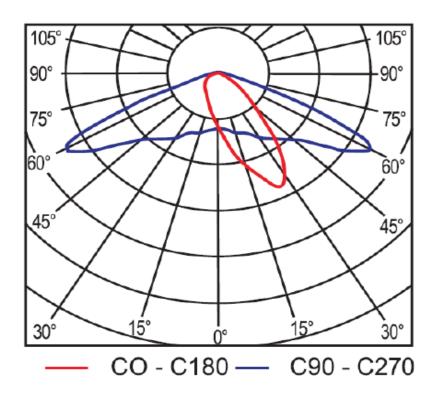
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Light intensity Distribution Diagram



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