

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) 02/28/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

Fax:

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Test Report

Report Number: 28-02-2019 -002			Date:	28-02-2019	
Product Description: 120W Energy Efficient LED Street Lig	nt				
Product Catalogue Reference:	HLSLD-06-120-	NWL-R-HL2	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housir	ng, Glass front visoi	r, SMD LED, Electronic drive	r etc.		
Test Details:		Documen	Document References/Standard:		
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 		Measurements Products" IS: 16106-201 Photometric so Products" IS: 16105-201	 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 		
Enclosures:			Ammus		
Prepared By:			Approved B	y:	
Sanjay Sharma		R	Rajeev Chhabra		

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Contact:

Frequency:

Total Power:

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Electrical & Photometric Test Report

Photometric Test Report: (As	Per IES LM 79-08)				
Sample ID: 28-02-2019 -002					
Catalogue Reference:	HLSLD-06-1	HLSLD-06-120-NWL-R-HL2		28-02-2019	
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			
	Photomete	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 :	4000K	Nominal CRI :	>70		
•	•		,		
Measured Electrical Parameters	:				
Supply Voltage:	240V	Input Current :	0.508A		

Photometric Measurement Data:				
Total Measured Lumen :	14623.77lm	Luminaries Efficacy:	122.16lm/W	
CCT:	4161K	CRI:	72.7	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

Power Factor:

0.982

50Hz 119.71W

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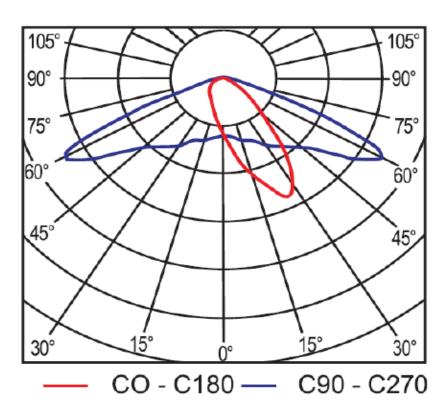
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Light intensity Distribution Diagram



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