

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) 01/18/2019

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:

Web: http://www.halonix.co.in

Test Report

Report Number: 18-01-2019 -001		Date:	18-01-2019	
Product Description: 120W Energy Efficient LED Street Light				
Product Catalogue Reference: HLSLD-06-1	20-CWL-R	Brand:	HALONIX	
Construction:		•		
Pressure die casted aluminum housing, Glass front v	risor, SMD LED, Electr	onic driver etc.		
Test Details:		Document Reference	s/Standard:	
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 		 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" 		
Enclosures:				
Prepared By:		Approved B	y:	
Sanjay Sharma		Rajeev Chhabra		

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Electrical & Photometric Test Report

Photometric Test Report: (As Per	IES LM 79-08)				
Sample ID: 18-01-2019 -001					
Catalogue Reference:	HLSLD-06-2	120-CWL-R	Testing Date:	18-01-2019	
Testing Agency:	HTPL Labor	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%					

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	

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.505A
Frequency:	50Hz		
Total Power :	119.23W	Power Factor :	0.984

Photometric Measurement Data:			
Total Measured Lumen :	12159.08lm	Luminaries Efficacy:	101.98lm/W
CCT:	5785K	CRI:	73.1
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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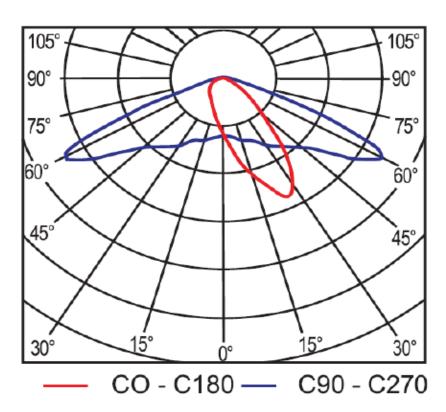
Contact:

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Fax:

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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-06-120-CWL-R	Sample ID	18-01-2019 -001