

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) 03/18/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Test Report

Report Number: 18-03-2019 -001		Date:	18-03-2019	
Product Description: 120W Energy Efficient LED Street Light				
Product Catalogue Reference:	HLSLD-06-120-CWL-R-H	L2	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housing,	Glass front visor, SMD LI	ED, Electronic driver	etc.	
Test Details:		Document	References	s/Standard:
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement IS: 16 Photor Product IS: 16 Of Lum 		Measurements Products" IS: 16106-2012 Photometric sol Products"	of Solid-Sta "Method id state lig	of Electrical and hting (LED) of measurement
Enclosures:				
Prepared By:		A	pproved 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: 18-03-2019 -001					
Catalogue Reference:	HLSLD-06-1	HLSLD-06-120-CWL-R-HL2		18-03-2019	
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 :	5700K	Nominal CRI :	>70		
	•	•	•		
Measured Electrical Parameters	:				

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.512A
Frequency:	50Hz		
Total Power :	119.95W	Power Factor :	0.976

Photometric Measurement Data:				
Total Measured Lumen :	14635.1lm	Luminaries Efficacy:	122.01lm/W	
CCT:	5796K	CRI:	72.1	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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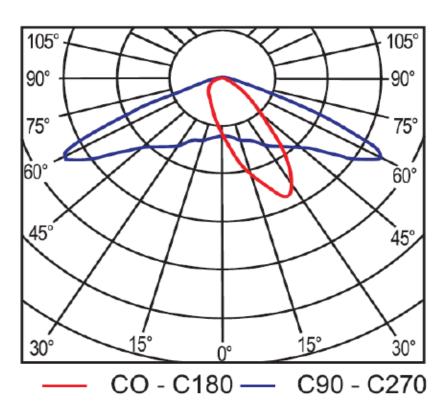
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-06-120-CWL-R-HL2	Sample ID	18-03-2019 -001	