

20W LED STREET LIGHT

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

20W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 02/05/2019

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

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Test Report

Report Number: 05-02-2019 -002	Date	05-02-2019	
Product Description: 20W Energy Efficient LED Street Light			
Product Catalogue Reference: HLSLD-21G3-20-CWL	Branc	: HALONIX	
Construction:	•	•	
Pressure die casted aluminum housing, Glass front visor, SMD LI	ED, Electronic driver etc.		
Test Details:	Document Referer	ces/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 By:		
Sanjay Sharma	Rajeev Chhabra		

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Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Electrical & Photometric Test Report

Photometric Test Report: (As	Per IES LM 79-08)			
Sample ID: 05-02-2019 -002				
Catalogue Reference:	HLSLD-21G3	HLSLD-21G3-20-CWL		05-02-2019
Testing Agency:	HTPL Labora	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	
rest voitage.		, , , , , , , , , , , , , , , , , , ,	otal Operating Time: 1.30Hours	
Stabilization Time:	30Min	Total Operating Time:	1.30Hours	
	30Min		1.30Hours	
	.		1.30Hours	
Stabilization Time:	.		1.30Hours 0.096A	
Stabilization Time: Rated Performance Parameters	S:	Total Operating Time:		
Stabilization Time: Rated Performance Parameters Rated Wattage:	s: 20W	Total Operating Time: Rated Input Current:	0.096A	
Stabilization Time: Rated Performance Parameters Rated Wattage:	20W 5700K	Total Operating Time: Rated Input Current:	0.096A	
Stabilization Time: Rated Performance Parameters Rated Wattage: Nomical CCT:	20W 5700K	Total Operating Time: Rated Input Current:	0.096A	
Stabilization Time: Rated Performance Parameters Rated Wattage: Nomical CCT: Measured Electrical Parameters	5: 20W 5700K s:	Rated Input Current: Nominal CRI:	0.096A >70	

2031.71lm

5798K

Luminaries Efficacy:

Attached (Refer to Page No. 4) **Tested By:** Sanjay Sharma

CRI:

102.25lm/W

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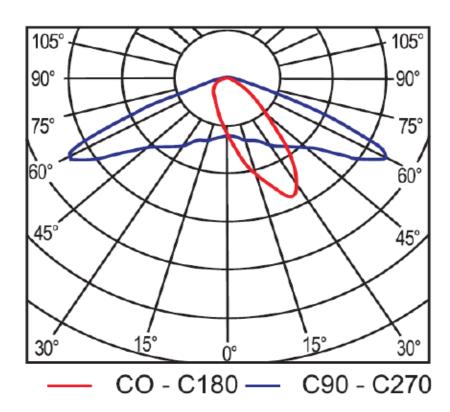
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Light intensity Distribution Diagram



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