

20W LED HW 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) 01/22/2019

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: 22-01-2019 -001			Date:	22-01-2019		
Product Description: 20W Energy Efficient LED Street Light						
Product Catalogue Reference:	HLSLD-14-20-0	CWDL-R-P	Brand:	HALONIX		
Construction:						
Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc.						
Test Details:			Document References/Standard:			
Light intensity distribution Measurement		• IES-I	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement		Mea	Measurements of Solid-State Lighting			
Electrical Parameters Measurement		Prod	ucts"			
		Phot	 IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" 			
		_	L6105-2012 "Methoo men maintenance o ces"			
Enclosures:						
Prepared By:			Approved By:			
Sanjay Sharma			Rajeev Chhabra			

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Photometric Test Report: (As Per IFS I M 79-08)

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Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Electrical & Photometric Test Report

Sample ID: 22-01-2019 -001					
Catalogue Reference:	HLSLD-14-2	HLSLD-14-20-CWDL-R-P		22-01-2019	
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%		
Test Voltage:	240V	Frequency:	50Hz		
Stabilization Time:	30Min	Total Operating Time:	1.30Hours		
Rated Performance Parameters	•				
Rated Wattage :	20W	Rated Input Current:	0.096A		
Nomical CCT :	5700K	Nominal CRI:	>70		
Measured Electrical Parameter	 s:				
Supply Voltage:	240V	Input Current :	0.084A		
Frequency:	50Hz				
Total Power :	19.89W	Power Factor :	0.987		
-					
Photometric Measurement Dat	a:				

Luminaries Efficacy:

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

CRI:

102.85lm/W

71.7

2045.69lm

5809K

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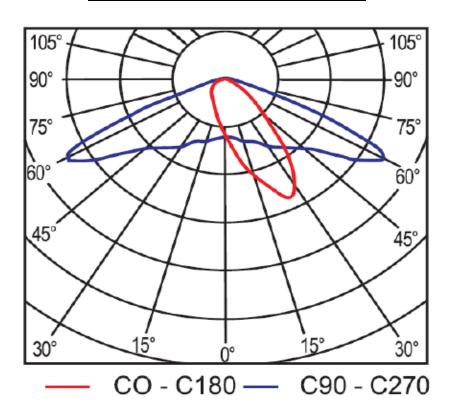
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Light intensity Distribution Diagram



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Catalogue Reference	HLSLD-14-20-CWDL-R-P	Sample ID	22-01-2019 -001