

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) 05/22/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Test Report

Report Number: 22-05-2	2019 -001			Date:	22-05-2019	
Product Description: 20W Energy Efficient LED Street Lig	ht					
Product Catalogue Reference:	HLSLD-14-20-	-CWDL-R-HL2	-P	Brand:	HALONIX	
Construction:				•		
Pressure die casted aluminum hous	sing, SMD LED(OSR	AM), Electron	nic driver etc.			
		,,				
Test Details:			Document References/Standard:			
Light intensity distribution Measurement		•	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
		•	IS: 16106-2012 Photometric so			
			Products"	na state ligi	itilig (LLD)	
		•	IS: 16105-2012	"Method o	of measurement	
			of Lumen maint sources"	enance of s	solid state light	
Enclosures:						
Enclosures: Prepared	Ву:		А	pproved By	y :	

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	r IES LM 79-08)					
Sample ID: 22-05-2019 -001						
Catalogue Reference:	HLSLD-14-20-CWDL-R-HL2-P		Testing Date:	22-05-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photometer (Type: PMS – 50/80) with Power Meter					
	<u> </u>					
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 Parameters:						
Supply Voltage:	240V	Input Current :	0.084A	0.084A		
Frequency:	50Hz					
Total Power :	19.89W	Power Factor :	0.987			
Photometric Measurement Data:						
Total Measured Lumen :	2429.96lm	Luminaries Efficacy:	122.17lm/W			
CCT :	5809K	CRI:	71.7			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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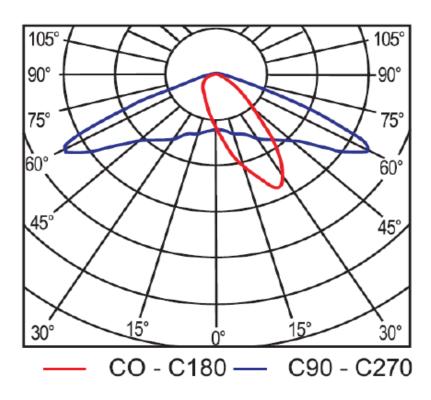
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Light intensity Distribution Diagram



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