

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

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Test Report

Report Number: 22-01-20	019 -002			Date:	22-01-2019	
Product Description: 20W Energy Efficient LED Street Ligh	t					
Product Catalogue Reference:	HLSLD-09H-20)-CWL-R		Brand:	HALONIX	
Construction:						
Pressure die casted aluminum housi	ng. Glass front viso	r. SMD LFD.	Electronic driver	etc.		
		, 51110 220,	L.Cottoffic driver			
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	"Method	of Electrical and	
			Photometric sol	id state lig	hting (LED)	
			Products"			
		•	IS: 16105-2012	"Method	of measurement	
			of Lumen maint	enance of	solid state light	
			sources"			
Enclosures:						
Prepared By:			Approved By:			
Sanjay Sharma			Rajeev Chhabra			

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	r IES LM 79-08)					
Sample ID: 22-01-2019 -002						
Catalogue Reference:	HLSLD-09H-20-CWL-R		Testing Date:	22-01-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Bra	and Gonio Photometer (Type	e: GO - 2000B V1) a	ind 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 Parameters:						
Supply Voltage:	240V	Input Current :	0.084A			
Frequency:	50Hz					
Total Power :	19.88W	Power Factor :	0.986			
Photometric Measurement Data:						
Total Measured Lumen :	2047.24lm	Luminaries Efficacy :	102.98lm/W			
CCT:	5810K	CRI:	71.5			
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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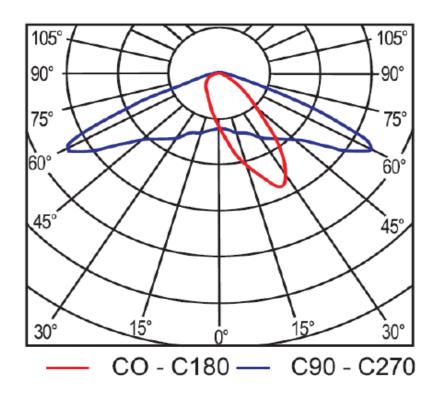
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-09H-20-CWL-R	Sample ID	22-01-2019 -002