

24W LED HW STREET LIGHT

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

24W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 09/20/2019

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

20-09-2019 -001

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

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Test Report

Date:

20-09-2019

Product Description: 24W Energy Efficient LED Street Light							
Product Catalogue Reference:	HLSLD-09H-24-CWL-R				Brand:	HALO	VIX
Construction:							
Pressure die casted aluminum housin Test Details		 				s/Standard:	
Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement		 Document References/Standard: 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 					
Total Lumen output Measureme	nt		IES-LM- Measure Product: IS: 1610 Photom Product: IS: 1610	79-08 " ements 5" 06-2012 etric so 5" 05-2012 n maint	of Solid-Sta 2 "Method lid state lig 2 "Method	ate Lighting of Electrical hting (LED) of measurer	and
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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	er IES LM 79-08)							
Sample ID: 20-09-2019 -001								
Catalogue Reference:	HLSLD-09H-24-CWL-R		Testing Date:	20-09-2019				
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX				
Equipment Used:				ind Globe				
	Photometer	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 :	24W	Rated Input Current:	0.116A					
Nomical CCT :	5700K	Nominal CRI: >70						
Measured Electrical Parameters:								
Supply Voltage:	240V	Input Current: 0.102A						
Frequency:	50Hz							
Total Power :	23.93W	Power Factor :	0.978					
Photometric Measurement Data:								
Total Measured Lumen:	2416.45lm	Luminaries Efficacy:	100.98lm/W					
CCT:	5765K	CRI:	72.3					
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma						

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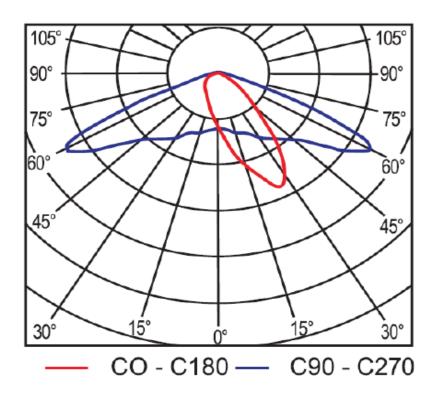
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Light intensity Distribution Diagram



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