

30W LED LW STREET LIGHT

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

30W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/13/2019

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: 13-12-2019 -001	Date:	13-12-2019					
Product Description: 30W Energy Efficient LED Street Light							
Product Catalogue Reference: HLSLD-09-30-CWL-RL	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 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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Approved By: Rajeev Chhabra

Electrical & Photometric Test Report

Photometric Test Report: (As Per II	ES LM 79-08)			
Sample ID: 13-12-2019 -001				
Catalogue Reference:	HLSLD-09-30	-CWL-RL	Testing Date:	13-12-2019
Testing Agency:	HTPL Laboratory		Brand:	HALONIX
Equipment Used:	EVERFINE Bra	and Gonio Photometer (Type	e: GO - 2000B V1) a	nd 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 :	30W	Rated Input Current:	0.145A	
Nomical CCT :	5700K	Nominal CRI:	>70	
Measured Electrical Parameters:	T	T	T	
Supply Voltage:	240V	Input Current :	0.127A	
Frequency:	50Hz			
Total Power :	29.95W	Power Factor :	0.983	
Photometric Measurement Data:				
Total Measured Lumen :	3058.19lm	Luminaries Efficacy:	102.11lm/W	
сст:	5821K	CRI:	71.4	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		

Tested By: Sanjay Sharma

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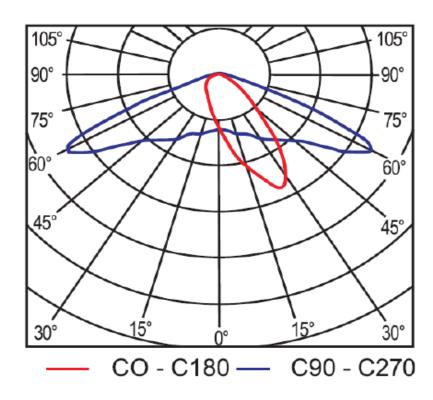
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Light intensity Distribution Diagram



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