

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) 07/18/2019

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: 18-07-2019 -002			Date:	18-07-2019	
Product Description: 30W Energy Efficient LED Street Ligh	t				
Product Catalogue Reference:	HLSLD-09H-30	-CWL-RL		Brand:	HALONIX
Construction: Pressure die casted aluminum housi	ng, Glass front viso	r, SMD LED	, Electronic driver	etc.	
Test Detail	s:		Document References/Standard:		
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement Enclosures:		•	Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products"		
Prepared By:			Δ	pproved B	v·
Sanjay Sharma			Rajeev Chhabra		

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Electrical & Photometric Test Report

Photometric Test Report: (As Per II	S LM 79-08)					
Sample ID: 18-07-2019 -002	,					
Catalogue Reference:	HLSLD-09H-3	0-CWL-RL	Testing Date:	18-07-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe					
	Photometer (hotometer (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:						
Supply Voltage:	240V	Input Current: 0.127A				
Frequency :	50Hz					
Total Power :	29.91W	Power Factor :	0.981			
Photometric Measurement Data:						
Total Measured Lumen :	3054.41lm	Luminaries Efficacy :	102.12lm/W			
CCT:	5810K	CRI:	71.2			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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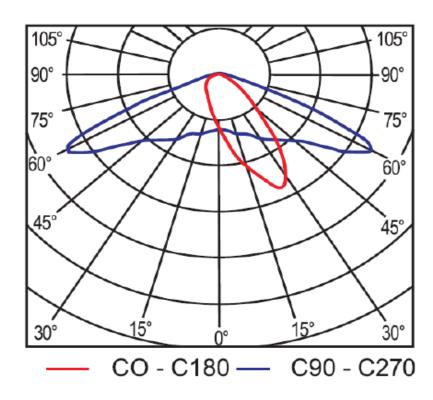
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Light intensity Distribution Diagram



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