

300W LED HW STREET LIGHT

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

300W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/24/2019

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: 24-12-2	019 -001			Date:	24-12-2019
Product Description: 300W Energy Efficient LED Street Lig	ht				
Product Catalogue Reference:	HLSLD-15-300	-WWL-R		Brand:	HALONIX
Construction:					
Pressure die casted aluminum housi	ng, Glass front viso	or, SMD LED, E	Electronic 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	"Method	of Electrical and
			Photometric sol Products"	id state lig	hting (LED)
		•	IS: 16105-2012	"Method	of measurement
			of Lumen mainte	enance of	solid state light
Enclosures:					
Prepared E	By:		Approved By:		
Sanjay Sharma			Rajeev Chhabra		

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Approved By: Rajeev Chhabra

Electrical & Photometric Test Report

Photometric Test Report: (As Po	er IES LM 79-08)						
Sample ID: 24-12-2019 -001							
Catalogue Reference:	HLSLD-15-300	HLSLD-15-300-WWL-R		24-12-2019			
Testing Agency:	HTPL Laborate	HTPL Laboratory		HALONIX			
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and 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 :	300W	Rated Input Current:	1.382A				
Nomical CCT :	3000K	Nominal CRI:	>70				
	•	•	-				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current: 1.267A					
Frequency:	50Hz						
Total Power :	298.21W	Power Factor :	0.981				
Photometric Measurement Data:	•						
Total Measured Lumen :	30569.51lm	Luminaries Efficacy:	102.51lm/W				
CCT:	3198K	CRI:	72.7				
Light Intensity Distribution:		Attached (Refer to Page No. 4)					

Tested By: Sanjay Sharma

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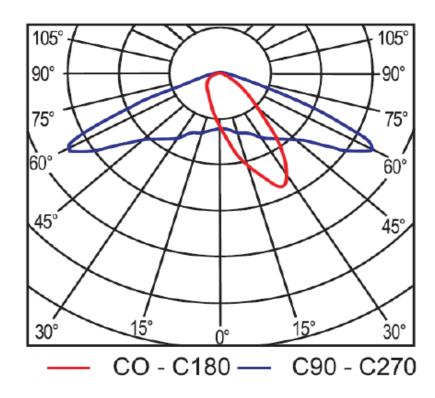
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-15-300-WWL-R	Sample ID	24-12-2019 -001
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