

150W LED HW STREET LIGHT

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

150W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 07/24/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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Test Report

Report Number: 24-07-20	19 -002		Date:	24-07-2019
Product Description: 150W Energy Efficient LED Street Ligh	nt			
Product Catalogue Reference:	HLSLD-06-150-	-WWL-R-HL2	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housin	g, Glass front viso	r, SMD LED, Electronic drive	er etc.	
Test Details	:	Documen	t Reference	s/Standard:
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 		Measurement Products" IS: 16106-201 Photometric s Products" IS: 16105-201	 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 	
Enclosures: Prepared By	,·		Approved P	
•			Approved B	-
Sanjay Sharn	na	F	Rajeev Chhal	ora

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IE	S LM 79-08)				
Sample ID: 24-07-2019 -002					
Catalogue Reference:	HLSLD-06-1	.50-WWL-R-HL2	Testing Date:	24-07-2019	
Testing Agency:	HTPL Laboratory Brand:			HALONIX	
Equipment Used: EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter					
Ambient Temperature: 25+2°C Relative Humidity: 65%					

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 :	150W	Rated Input Current:	0.691A
Nomical CCT :	3000K	Nominal CRI:	>70

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.634A	
Frequency:	50Hz			
Total Power :	149.79W	Power Factor :	0.984	

Photometric Measurement Data:				
Total Measured Lumen :	18121.59lm	Luminaries Efficacy:	120.98lm/W	
CCT:	2991K	CRI:	72.3	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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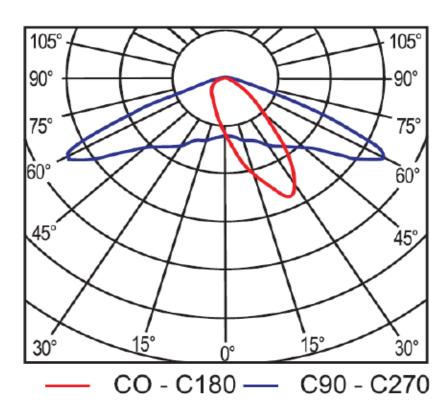
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Light intensity Distribution Diagram



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Catalogue Reference	HLSLD-06-150-WWL-R-HL2	Sample ID	24-07-2019 -002