

45W LED HW STREET LIGHT

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

45W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 05/29/2019

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: 29-05-2019 -001		Date:	29-05-2019	
Product Description:				
45W Energy Efficient LED Street Light				
Product Catalogue Reference:		Brand:	HALONIX	
Construction:				
Pressure die casted aluminum housing, Glass front visc	r, SMD LED, Electronic drive	er etc.		
Test Details:	Documen	Document References/Standard:		
Light intensity distribution Measurement		125 EW 75 00 Electrical and motometric		
 Total Lumen output Measurement Electrical Parameters Measurement 	Measurement Products"	Measurements of Solid-State Lighting Products"		
		12 "Method o	of Electrical and	
	Photometric solid state lighting (LED)			
	Products"		_	
		 IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light 		
	sources"	ntenance of s	solid state light	
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma		Rajeev Chhabra		

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Electrical & Photometric Test Report

Photometric Test Report: (As P	er IES LM 79-08)					
Sample ID: 29-05-2019 -001						
Catalogue Reference:			Testing Date:	29-05-2019		
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE Bra	and Gonio Photometer (Type	e: GO - 2000B V1) a	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 :	45W	Rated Input Current:	0.217A			
Nomical CCT :	5700K	Nominal CRI:	>70			
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Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.192A			
Frequency:	50Hz					
Total Power :	44.98W	Power Factor :	0.976			
Photometric Measurement Data	:					
Total Measured Lumen :	4991.88lm	Luminaries Efficacy:	110.98lm/W			
CCT:	5801K	CRI:	72.2			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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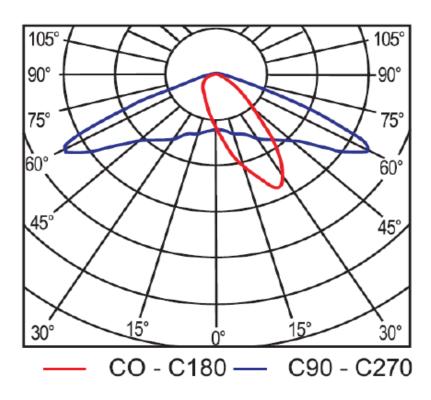
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Light intensity Distribution Diagram



Catalogue Reference	Sample ID	29-05-2019 -001