

40W LED HW STREET LIGHT

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

40W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634)
12/11/2019

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: 11-12-2	2019 -003			Date:	11-12-2019
Product Description: 40W Energy Efficient LED Street Lig	ht				
Product Catalogue Reference:	HLSLD-09H-40-	-CWL-R	E	Brand:	HALONIX
Construction:					
Pressure die casted aluminum hous	sing, Glass front visor	, SMD LED,	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 "N Photometric solid:		
			Products"		
		•	IS: 16105-2012 "N	∕lethod o	of measurement
				_	alid state light
			of Lumen maintena sources"	ance of s	solid state light
Enclosures:				ance of s	Sond State light
Enclosures: Prepared	Ву:		sources"	roved By	

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Electrical & Photometric Test Report

Photometric Test Report: (As Per	IES LM 79-08)				
Sample ID: 11-12-2019 -003					
Catalogue Reference:	HLSLD-09H-4	HLSLD-09H-40-CWL-R		11-12-2019	
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX	
Equipment Used:		EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter			
	i notometer	30,00, 1111	Wei Wieter		
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 :	40W	Rated Input Current:	0.193A		
Nomical CCT :	5700K	Nominal CRI :	>70		
Measured Electrical Parameters:					
Supply Voltage :	240V	Input Current :	0.169A		
Frequency:	50Hz				
Total Power :	39.98W	Power Factor :	0.986		
Photometric Measurement Data:					
Total Measured Lumen :	4082.36lm	Luminaries Efficacy:	102.11lm/W		
CCT:	5801K	CRI:	72.5		
Light Intensity Distribution:		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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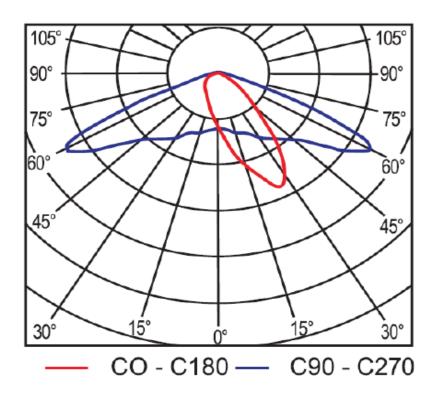
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Light intensity Distribution Diagram



Catalogue Reference	HLSLD-09H-40-CWL-R	Sample ID	11-12-2019 -003