

72W LED LW STREET LIGHT

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

72W Energy Efficient LED Street Light

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

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: 11-11-20	19 -003		Date:	11-11-2019			
Product Description: 72W Energy Efficient LED Street Light							
Product Catalogue Reference:	HLSLD-P15-72-CWL-RL		Brand:	HALONIX			
Construction:							
Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc.							
Test Details	:	Document	Reference	s/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 Photometric sol Products"					
		• IS: 16105-2012 of Lumen maint sources"		of measurement solid state light			
Enclosures:							
Prepared By	<i>r</i> :	Approved By:					
Sanjay Sharm	Sanjay Sharma		Rajeev Chhabra				

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES	LM 79-08)						
Sample ID: 11-11-2019 -003	,						
Catalogue Reference:	HLSLD-P15-72-CWL-RL		Testing Date:	11-11-2019			
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%				
Test Voltage:	240V	Frequency:	50Hz				
Stabilization Time:	30Min	Total Operating Time:	1.30Hours				
Rated Performance Parameters:							
Rated Wattage :	72W	Rated Input Current:	0.347A				
Nomical CCT :	5700K	Nominal CRI:	>70				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current :	0.305A				
Frequency:	50Hz						
Total Power :	71.89W	Power Factor :	0.982				
Photometric Measurement Data:							
Total Measured Lumen :	7269.52lm	Luminaries Efficacy:	101.12lm/W				
CCT:	5789K	CRI:	72.2				
Light Intensity Distribution:		Attached (Refer to Page No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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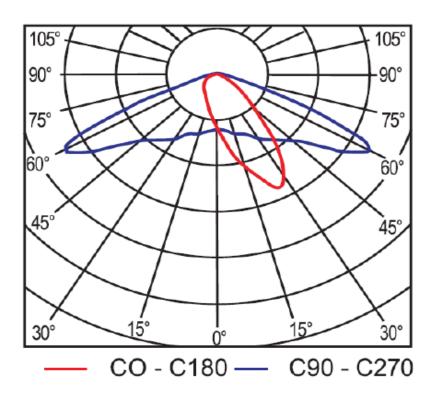
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Light intensity Distribution Diagram



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