

70W LED HW STREET LIGHT

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

70W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 09/12/2019

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: 12-09-2019 -001		: 12-09-2019
Product Description: 70W Energy Efficient LED Street Light		
Product Catalogue Reference: HLSLD-ML04-70-CWI	Branc	d: HALONIX
Construction:	•	•
Pressure die casted aluminum housing, Glass front visor, SMD	LED, Electronic driver etc.	
Test Details:	Document Refere	nces/Standard:
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 	 IES-LM-79-08 "Electric Measurements of Solic Products" IS: 16106-2012 "Meth Photometric solid state Products" IS: 16105-2012 "Meth of Lumen maintenance sources" 	-State Lighting od of Electrical and e lighting (LED) od of measurement
Enclosures:		
Prepared By:	Approve	d By:
Sanjay Sharma	Rajeev Ch	habra

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Electrical & Photometric Test Report

HLSLD-ML0	4-70-CWL	Testing Date:	12-09-2019
HTPL Labor	atory	Brand:	HALONIX
EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter			
	HTPL Labor EVERFINE E	Photometer (Type: PMS – 50/80) with F	HTPL Laboratory EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and 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 :	70W	Rated Input Current:	0.338A
Nomical CCT :	6000K	Nominal CRI :	>70

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.297A
Frequency:	50Hz		
Total Power :	69.98W	Power Factor :	0.982

Photometric Measurement Data:			
Total Measured Lumen :	7066.58lm	Luminaries Efficacy:	100.98lm/W
CCT:	5898K	CRI:	73.1
Light Intensity Distribution:		Attached (Refer to Page No	. 4)
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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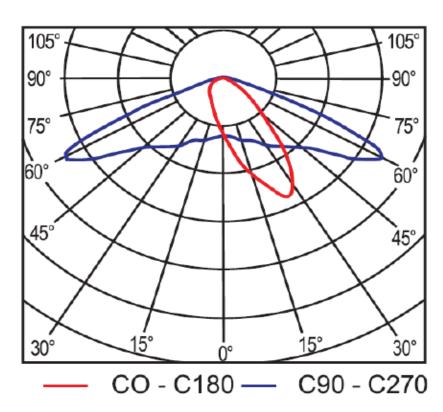
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Light intensity Distribution Diagram



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Catalogue Reference	HLSLD-ML04-70-CWL	Sample ID	12-09-2019 -001	