

90W LED HW STREET LIGHT

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

90W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/09/2020

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: 09-01	-2020 -002		Date:	09-01-2020
Product Description: 90W Energy Efficient LED Street L	ight			
Product Catalogue Reference:	HLSLD-ML04-9	0-CWL-INV-RTC-R	Brand:	HALONIX
Construction:	voime. Class from twice	v CMD LED Electronic	aluti va u a ka	
Pressure die casted aluminum ho	using, Glass front viso	r, SMD LED, Electronic	driver etc.	
Tost Do	raile	Door	Deference	-/64
Test Details: Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement		Doc	ument Keterence:	s/Standard:
 Light intensity distribution Me Total Lumen output Measure Electrical Parameters Measur 	easurement ment	 IES-LM-7 Measure Products IS: 1610 Photome Products IS: 1610 	6-2012 "Method etric solid state lig	nd Photometric ate Lighting of Electrical and hting (LED) of measurement
Light intensity distribution MeTotal Lumen output Measure	easurement ment ement	 IES-LM-7 Measure Products IS: 1610 Photome Products IS: 1610 of Lumer 	'9-08 "Electrical a ments of Solid-Sta " 6-2012 "Method etric solid state lig " 5-2012 "Method	nd Photometric ate Lighting of Electrical and hting (LED) of measurement solid state light

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	er IES LM 79-08)						
Sample ID: 09-01-2020 -002							
Catalogue Reference:	HLSLD-ML04-90-CWL-INV-RTC-R		Testing Date:	09-01-2020			
Testing Agency:	HTPL Laborat	cory	Brand:	HALONIX			
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe						
	Photometer	Photometer (Type: PMS – 50/80) with Power Meter					
Amahiant Tamanayatuwa	25 1200	Dalativa Humiditus	CE0/				
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 :	90W	Rated Input Current:	0.434A				
Nomical CCT :	5700K	Nominal CRI:	>70				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current :	0.382A				
Frequency :	50Hz	'					
Total Power :	89.88W	Power Factor :	0.980				
Dhatanatii Maasii ma Data							
Photometric Measurement Data:	0520.061		406 421 /14				
Total Measured Lumen :	9538.96lm	Luminaries Efficacy :	106.13lm/W				
CCT:	5590K	CRI:	71.9				
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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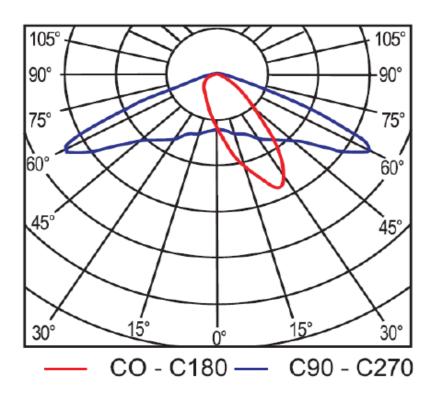
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Light intensity Distribution Diagram



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