

### 110W LED HW STREET LIGHT

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

110W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 06/20/2019

# HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

Fax:

Web: http://www.halonix.co.in

#### **Test Report**

<b>Report Number:</b> 20-06-2019 -001		Date:	20-06-2019		
Product Description: 110W Energy Efficient LED Street LigI	nt				
Product Catalogue Reference:	HLSLD-06-110-	WWL-R-HL2	Brand:	HALONIX	
Construction:				-	
Pressure die casted aluminum housir	ıg, Glass front visoı	r, SMD LED, Electronic driver	etc.		
Test Details	<b>5:</b>	Document	Reference	s/Standard:	
<ul> <li>Light intensity distribution Meas</li> </ul>	urement	• IES-LM-79-08 "	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurements	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Products"			
		• IS: 16106-2013 Photometric so Products"		of Electrical and hting (LED)	
		• IS: 16105-201	2 "Method	of measurement	
		of Lumen main sources"	tenance of	solid state light	
Enclosures:					
Prepared By:			Approved By:		
Sanjay Sharma		Ra	Rajeev Chhabra		

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Contact:

Frequency:

**Total Power:** 

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#### **Electrical & Photometric Test Report**

Photometric Test Report: (As Per IES	LM 79-08)			
Sample ID: 20-06-2019 -001	,			
Catalogue Reference:	HLSLD-06-110-WWL-R-HL2		Testing Date:	20-06-2019
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 :	110W	Rated Input Current:	0.507A	
Nomical CCT :	3000K	Nominal CRI:	>70	
Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.467A	

Photometric Measurement Data:				
Total Measured Lumen :	13261.59lm	Luminaries Efficacy:	121.21lm/W	
CCT:	2898K	CRI:	71.4	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

Power Factor:

0.976

50Hz 109.41W

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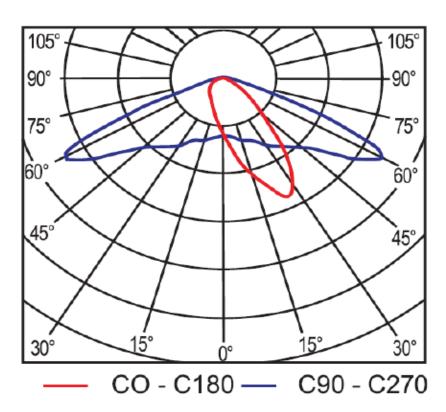
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#### **Light intensity Distribution Diagram**



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Catalogue Reference	HLSLD-06-110-WWL-R-HL2	Sample ID	20-06-2019 -001