

### **30W LED HW STREET LIGHT**

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

**30W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 06/18/2019

## 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**

Product Description: 30W Energy Efficient LED Street Light  Product Catalogue Reference: HLSLD-14-20-CWDL-R-P Brand: HALONIX  Construction: Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc.  Test Details: Document References/Standard:  Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement ISS-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"  Enclosures:  Prepared By: Approved By:  Sanjay Sharma Rajeev Chhabra	Report Number:	18-06-2019	9 -002		Date	18-06-2019	
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#### **Electrical & Photometric Test Report**

Photometric Test Report: (As Per IE	S LM 79-08)					
Sample ID: 18-06-2019 -002						
Catalogue Reference:	HLSLD-14-20	HLSLD-14-20-CWDL-R-P		18-06-2019		
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photometer	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 :	30W	Rated Input Current:	0.145A			
Nomical CCT :	5700K	Nominal CRI:	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current: 0.127A				
Frequency:	50Hz					
Total Power :	29.92W	Power Factor :	0.982			

Photometric Measurement Data:				
Total Measured Lumen :	3051.24lm	Luminaries Efficacy:	101.98lm/W	
CCT:	5785K	CRI:	72.5	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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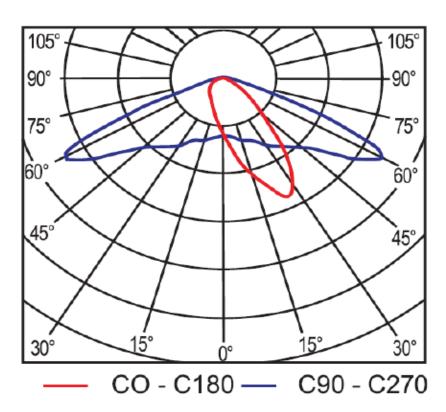
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#### **Light intensity Distribution Diagram**



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