

### **36W LED HW STREET LIGHT**

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

**36W Energy Efficient LED Street Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 09/28/2019

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

28-09-2019 -003

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

Email: customercare@halonix.co.in

Fax:

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

#### **Test Report**

<b>Product Description:</b> 36W Energy Efficient LED Street Lig	ht					
Product Catalogue Reference:	HLSLD-09H-36-CWL-R-P			Brand:	HALONIX	
Construction: Pressure die casted aluminum hous	sing, Glass front visor, Sl	MD LED, Elect	ronic driver e	tc.		
Test Details:			Document References/Standard:			
Light intensity distribution Measurement     Total Lumen output Measurement     Electrical Parameters Measurement		<ul> <li>Document References/Standard:         <ul> <li>IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products"</li> <li>IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products"</li> <li>IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"</li> </ul> </li> </ul>				
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Enclosures: Prepared	Ву:	sou		proved By	y:	

28-09-2019

Date:

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

Photometric Test Report: (As Pe	er IES LM 79-08)						
<b>Sample ID:</b> 28-09-2019 -003							
Catalogue Reference:	HLSLD-09H-36-CWL-R-P		Testing Date:	28-09-2019			
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX			
Equipment Used:	EVERFINE Bra	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%				
•	240V	•					
Test Voltage:		Frequency:	50Hz				
Stabilization Time:	30Min	Total Operating Time:	1.30Hours				
Rated Performance Parameters:							
Rated Wattage :	36W	Rated Input Current:	0.174A				
Nomical CCT :	5700K	Nominal CRI:	>70				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current : 0.152A					
Frequency :	50Hz	·					
Total Power :	35.87W	Power Factor :	0.983				
Photometric Measurement Data:							
Total Measured Lumen :	3623.59lm	Luminaries Efficacy :	101.02lm/W				
CCT :	5739K	CRI:	71.6				
Light Intensity Distribution:	1070011	Attached (Refer to Page No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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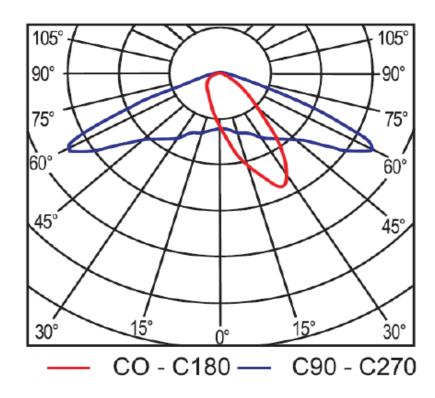
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-09H-36-CWL-R-P	Sample ID	28-09-2019 -003
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