

### **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) 05/27/2019

# 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: 27-05-20	19 -003		Date:	27-05-2019	
Product Description: 36W Energy Efficient LED Street Light					
Product Catalogue Reference:	HLSLD-09-36-NWL-R		Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housin	g, Glass front visor, SMD L	ED, Electronic driver	etc.		
Test Details:		Document References/Standard:			
<ul> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>		<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>			
Enclosures:					
Prepared By	<b>y</b> :	Approved By:			
Sanjay Sharma		Rajeev Chhabra			

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

Photometric Test Report: (As Pe	r IES LM 79-08)					
<b>Sample ID:</b> 27-05-2019 -003						
Catalogue Reference:	HLSLD-09-36-NWL-R		Testing Date:	27-05-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and			nd Globe		
	Photometer (Type: PMS – 50/80) with Power Meter					
<u> </u>	Ta- 222	T	Tana			
Ambient Temperature:	25±2°C	Relative Humidity:	65%			
Test Voltage:	240V	Frequency:	50Hz			
Stabilization Time:	30Min	Total Operating Time:	1.30Hours			
Rated Performance Parameters:	ı		1			
Rated Wattage :	36W	Rated Input Current:	0.174A			
Nomical CCT :	4000K	Nominal CRI :	>70			
Measured Electrical Parameters:						
Supply Voltage:	240V	Input Current :	0.152A			
Frequency:	50Hz					
Total Power :	35.89W	Power Factor :	0.984			
Photometric Measurement Data:						
Total Measured Lumen :	3639.6lm	Luminaries Efficacy:	101.41lm/W			
CCT :	4091K	CRI:	73.2			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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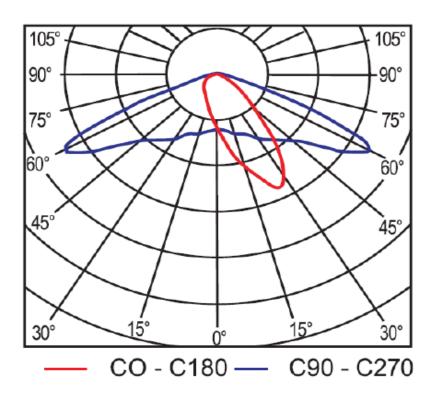
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-09-36-NWL-R	Sample ID	27-05-2019 -003
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