

### **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) 11/28/2019

# 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: 28-11-2	2019 -001			Date:	28-11-2019
Product Description: 36W Energy Efficient LED Street Ligi	ht				
Product Catalogue Reference:	HLSLD-09H-36-C	CWL-R	E	Brand:	HALONIX
Construction:			•	•	
Pressure die casted aluminum hous	ing, Glass front visor,	SMD LED,	Electronic driver etc	<b>.</b>	
		1			
Test Details:			Document References/Standard:		
Light intensity distribution Measurement		•	<ul> <li>IES-LM-79-08 "Electrical and Photometric</li> </ul>		
Total Lumen output Measurement			Measurements of Solid-State Lighting		
Electrical Parameters Measurement			Products"		
		•	IS: 16106-2012 "N	∕lethod d	of Electrical and
			Photometric solid	state ligh	nting (LED)
			Photometric solid s Products"	state ligh	nting (LED)
		•			
		•	Products"	Лethod с	of measurement
Enclosures:		•	Products" IS: 16105-2012 "Mof Lumen maintena	Лethod с	of measurement
Enclosures: Prepared	By:	•	Products" IS: 16105-2012 "N of Lumen maintena sources"	Лethod с	of measurement solid state light

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

Photometric Test Report: (As Per IES I	-M 79-08)				
Sample ID: 28-11-2019 -001					
Catalogue Reference:	HLSLD-09H-36-CWL-R		<b>Testing Date:</b>	28-11-2019	
Testing Agency:	HTPL Laboratory		Brand:	HALONIX	
Equipment Used:	<b>EVERFINE Bran</b>	GO - 2000B V1) ar	nd 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	<b>Total Operating Time:</b>	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 :	0.153A		
Frequency:	50Hz				
Total Power :	35.93W	Power Factor :	0.978		
Photometric Measurement Data:					
Total Measured Lumen :	3668.81lm	Luminaries Efficacy:	102.11lm/W		
CCT:	5802K	CRI:	71.3		
<b>Light Intensity Distribution:</b>		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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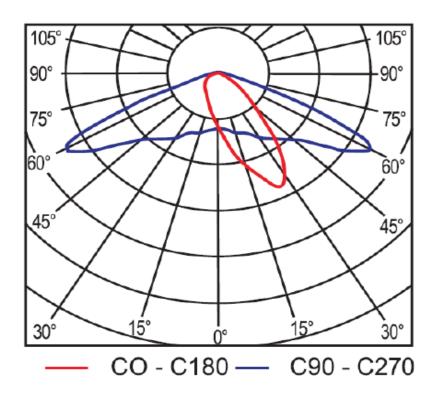
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### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-09H-36-CWL-R	Sample ID	28-11-2019 -001