

### **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)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

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#### **Test Report**

Report Number: 28-09-	2019 -003			Date:	28-09-2019	
<b>Product Description:</b> 36W Energy Efficient LED Street Lig	tht					
Product Catalogue Reference:	HLSLD-09H-36	-CWL-R		Brand:	HALONIX	
Construction:			•	•		
Pressure die casted aluminum hous	sing. Glass front viso	r. SMD LED.	Electronic driver et	tc.		
	5 <sub>0</sub> , Glass 11 Glit <b>V</b> 130	., 5.11.15 22.0,				
Test Details:			Document References/Standard:			
Light intensity distribution Measurement		•	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
		•	IS: 16106-2012 "	Method o	of Electrical and	
			Photometric solic	state ligl	nting (LED)	
			Products"			
		•	IS: 16105-2012 "	Method o	of measurement	
			of Lumen mainte	nance of	solid state light	
			sources"			
Enclosures:			sources"			
Enclosures: Prepared	Ву:			proved B	y:	

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

Photometric Test Report: (As Po	er IES LM 79-08)					
Sample ID: 28-09-2019 -003	·					
Catalogue Reference:	HLSLD-09H-3	6-CWL-R	Testing Date:	28-09-2019		
Testing Agency:	HTPL Laborat	tory	Brand:	HALONIX		
Equipment Used:	EVERFINE Bra	e: GO - 2000B V1) a	ind 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			
<b>Rated Performance Parameters:</b>						
Rated Wattage :	36W	Rated Input Current:	0.174A			
Nomical CCT :	5700K	Nominal CRI:	>70			
<b>Measured Electrical Parameters:</b>						
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:	5760K	CRI:	71.6			
Light Intensity Distribution:		Attached (Refer to Page No. 4)				
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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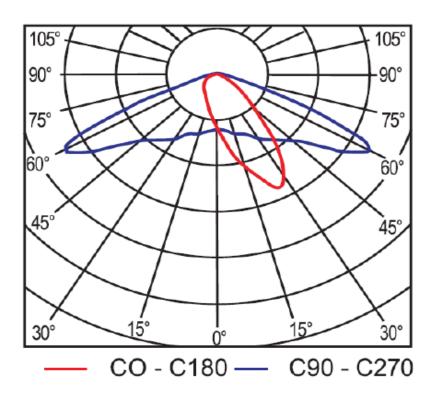
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#### **Light intensity Distribution Diagram**



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