

### **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) 03/28/2019

# 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

Fax:

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

#### **Test Report**

Report Number: 28-03-2	2019 -003			Date:	28-03-2019	
<b>Product Description:</b> 36W Energy Efficient LED Street Lig	nt					
Product Catalogue Reference:	HLSLD-09-36-CW	'L-R	1	Brand:	HALONIX	
Construction:						
Pressure die casted aluminum hous	ing, Glass front visor, S	SMD LED,	Electronic driver etc	c.		
Test Deta	ils:		Document Re	ferences	/Standard:	
Light intensity distribution Measurement		•				
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
		•	IS: 16106-2012 "N Photometric solid Products"			
		•	IS: 16105-2012 "N of Lumen mainten sources"			
Enclosures:						
Prepared By:			Approved By:			
Prepared	Ву:		744	noveu by	<u>/·</u>	

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

• `	er IES LM 79-08)					
<b>Sample ID:</b> 28-03-2019 -003				_		
Catalogue Reference:	HLSLD-09-36-CWL-R		<b>Testing Date:</b>	28-03-2019		
Testing Agency:	HTPL Laborat	tory	Brand:	HALONIX		
Equipment Used:	EVERFINE Bra	NE 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%			
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 :	6000K	Nominal CRI:	>70			
	<del>.</del>	-	<del>-</del>			
<b>Measured Electrical Parameters:</b>						
Supply Voltage:	240V	Input Current :	0.152A			
Frequency:	50Hz					
Total Power :	35.87W	Power Factor :	0.983			
		•	•			
<b>Photometric Measurement Data:</b>						
Total Measured Lumen :	3623.59lm	Luminaries Efficacy :	101.02lm/W			
CCT:	5760K	CRI:	71.6			
Light Intensity Distribution:	•	Attached (Refer to Page I	No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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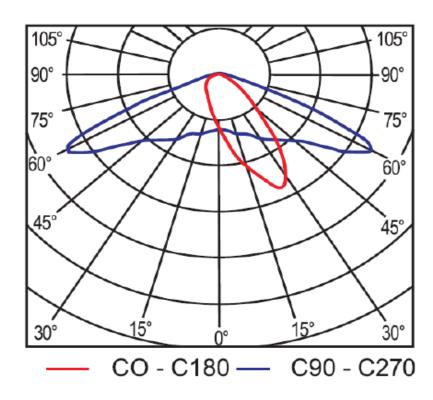
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLSLD-09-36-CWL-R	Sample ID	28-03-2019 -003