

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

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Test Report

Report Number: 28-03-	2019 -003			Date:	28-03-2019	
Product Description: 36W Energy Efficient LED Street Lig	tht					
Product Catalogue Reference:	HLSLD-09H-30	6-NWL-R		Brand:	HALONIX	
Construction:			•			
Pressure die casted aluminum hous	sing. Glass front visc	or. SMD LFD.	Electronic driver e	tc.		
	5 ₀ , Glass 11 0111 VISC	o., o., .,	2.000 Offic driver c			
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 solid	d state ligi	nting (LED)	
			IS: 16105-2012 '	'N/10+bod 4	of massuramant	
		•				
			of Lumen mainte sources"	nance of s	solia state light	
Enclosures:						
Prepared By:			Approved By:			
Prepared	Ву:		Aþ	proved b	y	

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	er IES LM 79-08)						
Sample ID: 28-03-2019 -003	•						
Catalogue Reference:	HLSLD-09H-36-NWL-R		Testing Date:	28-03-2019			
Testing Agency:	HTPL Laborat	cory	Brand:	HALONIX			
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe					
	Photometer	(Type: PMS – 50/80) with Po	wer Meter				
<u> </u>		- In	lo-ar				
Ambient Temperature:	25±2°C	Relative Humidity:	65%				
Test Voltage:	240V	Frequency:	50Hz				
Stabilization Time:	30Min	Total Operating Time:	1.30Hours				
D-4-1 D-4-1 D-4-1							
Rated Performance Parameters:	I	<u> </u>	10.1-11				
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 :	35.87W	Power Factor :	0.983				
<u></u>							
Photometric Measurement Data:			T				
Total Measured Lumen:	3623.59lm	Luminaries Efficacy :	101.02lm/W				
CCT:	4160K	CRI:	71.6				
Light Intensity Distribution:		Attached (Refer to Page No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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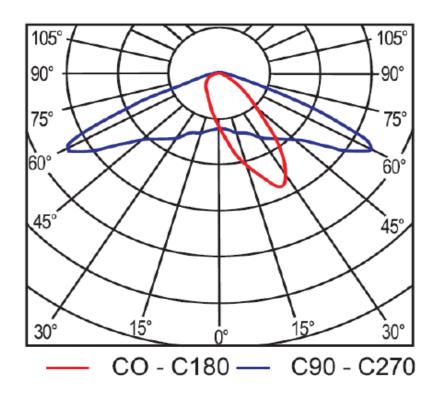
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Light intensity Distribution Diagram



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