

200W LED HW STREET LIGHT

Photometric & Electrical Measurement (As per IES LM 79-08 / IS 16106-12)

200W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 12/30/2019

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: 30-12-2	2019 -003			Date:	30-12-2019	
Product Description: 200W Energy Efficient LED Street Lig	ght					
Product Catalogue Reference:	HLSLD-06-200-	CWL-R-HL2		Brand:	HALONIX	
Construction:						
Pressure die casted aluminum hous	ing, Glass front visor	, SMD LED,	Electronic driver et	c.		
		Ţ				
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			
Total Lumen output Measurem	ient		Measurements of	f Solid-Sta	ate Lighting	
 Iotal Lumen output Measurem Electrical Parameters Measurer 			Measurements of Products"	Solid-Sta	ate Lighting	
		•		Method	of Electrical and	
-		•	Products" IS: 16106-2012 " Photometric solid	Method o	of Electrical and hting (LED)	
			Products" IS: 16106-2012 "IPhotometric solid Products"	Method of state ligit	of Electrical and hting (LED)	
Electrical Parameters Measurer			Products" IS: 16106-2012 "I Photometric solid Products" IS: 16105-2012 "I of Lumen mainter	Method of state ligit	of Electrical and hting (LED)	
-	ment		Products" IS: 16106-2012 "I Photometric solid Products" IS: 16105-2012 "I of Lumen mainter sources"	Method of state ligit	of Electrical and hting (LED) of measurement solid state light	

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Electrical & Photometric Test Report

• ` `	er IES LM 79-08)						
Sample ID: 30-12-2019 -003				1			
Catalogue Reference:	HLSLD-06-200-CWL-R-HL2		Testing Date:	30-12-2019			
Testing Agency:	HTPL Laboratory		Brand:	HALONIX			
Equipment Used:	EVERFINE Bra	and Gonio Photometer (Type	e: GO - 2000B V1) a	ınd Globe			
	Photometer (Type: PMS – 50/80) with Power Meter						
			<u> </u>				
Ambient Temperature:	25±2°C	Relative Humidity:	65%				
Test Voltage:	240V	Frequency:	50Hz				
Stabilization Time:	30Min	Total Operating Time:	1.30Hours				
Rated Performance Parameters:							
Rated Wattage :	200W	Rated Input Current:	0.921A				
Nomical CCT :	5700K	Nominal CRI:	>70				
	•	•	•				
Measured Electrical Parameters:							
Supply Voltage:	240V	Input Current: 0.845A					
Frequency:	50Hz						
Total Power :	199.94W	Power Factor :	0.986				
Photometric Measurement Data:							
Total Measured Lumen :	24314.7lm	Luminaries Efficacy:	121.61lm/W				
CCT:	5810K	CRI:	71.3				
Light Intensity Distribution:		Attached (Refer to Page No. 4)					
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma					

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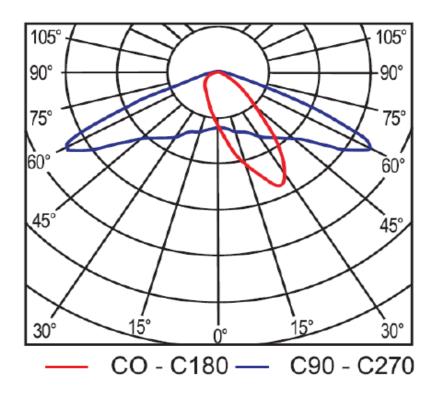
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Light intensity Distribution Diagram



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