

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) 11/14/2019

HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

14-11-2019 -001

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Report Number:

Email: customercare@halonix.co.in

Fax:

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

Test Report

Product Description: 200W Energy Efficient LED Street Light						
Product Catalogue Reference:	HLSLD-06-200-CWBL-R-HL2		Brand:	HALONIX		
Construction : Pressure die casted aluminum housir	ng, Glass front visor,	SMD LED, Electronic driv	ver etc.			
Test Details: Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement		Document References/Standard:				
		 IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" 				
		Products" IS: 16105-2 of Lumen ma	solid state lig	hting (LED) of measurement		
Enclosures:		Products" IS: 16105-2 of Lumen ma	c solid state lig 012 "Method of aintenance of	hting (LED) of measurement solid state light		
Enclosures: Prepared B	y:	Products" IS: 16105-2 of Lumen ma	solid state lig	hting (LED) of measurement solid state light		

14-11-2019

Date:

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Electrical & Photometric Test Report

Photometric Test Report: (As Pe	r IES LM 79-08)					
Sample ID: 14-11-2019 -001						
Catalogue Reference:	HLSLD-06-200-CWBL-R-HL2		Testing Date:	14-11-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE 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	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 :	0.849A			
Frequency:	50Hz					
Total Power :	199.91W	Power Factor :	0.981			
Photometric Measurement Data:						
Total Measured Lumen :	24301.06lm	Luminaries Efficacy :	121.56lm/W			
CCT:	5787K	CRI:	72.2			
Light Intensity Distribution:		Attached (Refer to Page I	No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma				

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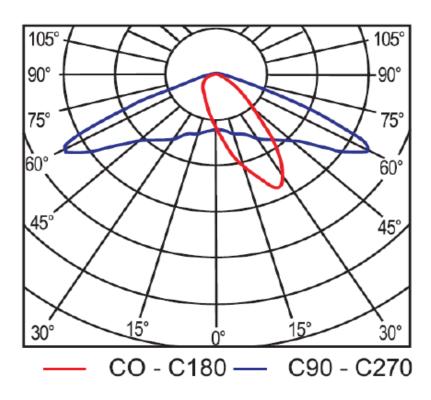
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Light intensity Distribution Diagram



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