

120W LED HW STREET LIGHT

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

120W Energy Efficient LED Street Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 05/28/2019

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: 28-05-20	19 -002		Date:	28-05-2019	
Product Description: 120W Energy Efficient LED Street Ligh	t				
Product Catalogue Reference:	HLSLD-06-120-CWL-R-	-HL2-P	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housing	g, Glass front visor, SMD	LED, Electronic driver	etc.		
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	of Electrical and	
		Photometric sol Products"	id state lig	hting (LED)	
		• IS: 16105-2012	"Method	of measurement	
		of Lumen maint sources"	enance of	solid state light	
Enclosures:					
Prepared By	:	Approved By:			
Sanjay Sharma		Rajeev Chhabra			

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Electrical & Photometric Test Report

Photometric Test Report: (As F	Per IES LM 79-08)				
Sample ID: 28-05-2019 -002					
Catalogue Reference:	HLSLD-06-120	HLSLD-06-120-CWL-R-HL2-P		28-05-2019	
Testing Agency:	HTPL Laborat	HTPL Laboratory		HALONIX	
Equipment Used:		EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter			
	Photometer	(Type: PIVIS – 50/80) WITH PC	ower 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:	120W	Rated Input Current:	0.553A		
Nomical CCT :	5700K	Nominal CRI :	>70		
	.	-			
Measured Electrical Parameters	•				
Supply Voltage:	240V	Input Current :	0.513A		
Frequency:	50Hz				
Total Power :	119.98W	Power Factor :	0.974		
Photometric Measurement Data	 1:				
Total Measured Lumen :	14662.76lm	Luminaries Efficacy:	122.21lm/W		
CCT:	5771K	CRI:	72.5		
Light Intensity Distribution:	•	Attached (Refer to Page	No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

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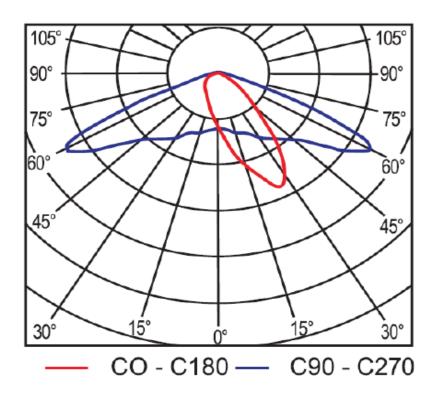
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Light intensity Distribution Diagram



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