

70W LED FLOOD LIGHT

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

70W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/23/2019

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: 23-01-2019 -001			Date:	23-01-2019	
Product Description: 70W Energy Efficient LED Flood Lig	ht				
Product Catalogue Reference:	HLFLD-ML21-70-	CWL	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum hous	sing, Glass front visor, S	SMD LED, Electronic d	river etc.		
Test Details:		Docum	Document References/Standard:		
Light intensity distribution Measurement		• IES-LM-79-	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurem	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Products"			
		IS: 16106-2012 "Method of Electrical and			
		Photometr Products"	Photometric solid state lighting (LED) Products"		
		• IS: 16105-	IS: 16105-2012 "Method of measurement		
		of Lumen n sources"	of Lumen maintenance of solid state light sources"		
Enclosures:					
Prepared By:			Approved By:		
Sanjay Sharma			Rajeev Chhabra		

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Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Electrical & Photometric Test Report

Photometric Test Report: (As Per IE	S LM 79-08)				
Sample ID: 23-01-2019 -001					
Catalogue Reference:	HLFLD-ML21-70-CWL		Testing Date:	23-01-2019	
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 :	70W	Rated Input Current:	0.338A		
Nomical CCT :	5700K	Nominal CRI:	>70		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.296A		
Frequency:	50Hz				
Total Power :	69.98W	Power Factor :	0.985		
	-	·	.		
Photometric Measurement Data:					

7412.98lm

5785K

Luminaries Efficacy:

Attached (Refer to Page No. 4) **Tested By:** Sanjay Sharma

CRI:

105.93lm/W

71.8

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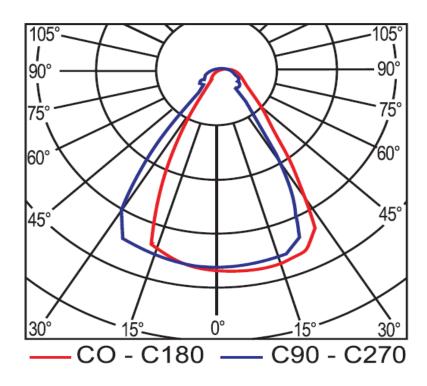
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Light intensity Distribution Diagram



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