

100W LED FLOOD LIGHT

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

100W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/16/2019

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: 16-01-2019 -001	Date:	16-01-2019
Product Description: 100W Energy Efficient LED Flood Light		
Product Catalogue Reference: HLFLD-ML21-100-CW	/L Brand:	HALONIX
Construction:	•	•
Pressure die casted aluminum housing, Glass front visor, SME	LED, Electronic driver etc.	
Test Details: Document		es/Standard:
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 	 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" 	
Enclosures:		
Prepared By:	Approved By:	
Sanjay Sharma	Rajeev Chhabra	

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Total Power:

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Electrical & Photometric Test Report

Photometric Test Report: (As	Per IES LM 79-08)			
Sample ID: 16-01-2019 -001				
Catalogue Reference:	HLFLD-ML2	HLFLD-ML21-100-CWL		16-01-2019
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe		
	Photomete	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 :	100W	Rated Input Current:	0.482A	
Nomical CCT :	5700K	Nominal CRI :	>70	
	•		•	
Measured Electrical Parameters	s:			
Supply Voltage:	240V	Input Current :	0.42A	
Frequency:	50Hz	_		

Photometric Measurement Data:				
Total Measured Lumen :	10146.36lm	Luminaries Efficacy:	102.22lm/W	
CCT:	5810K	CRI:	71.3	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

Power Factor :

0.985

99.26W

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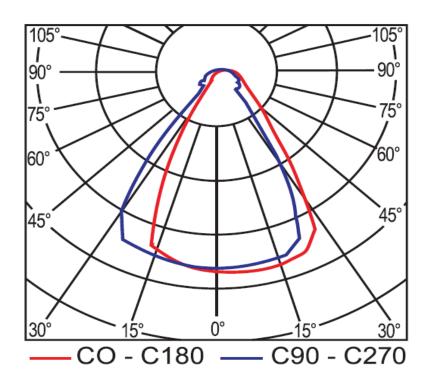
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Light intensity Distribution Diagram



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