

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) 05/21/2019

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

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

Email: customercare@halonix.co.in

Fax:

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

Test Report

Report Number: 21-05-2019 -001		Date:	21-05-2019		
Product Description:					
-					
100W Energy Efficient LED Flood Light					
Product Catalogue Reference:	HLFLD-ML21-1	.00-CWL-HL1	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housing	, Glass front viso	r, SMD LED, Electronic driver	etc.		
Test Details:		Document	Document References/Standard:		
Light intensity distribution Measure	Light intensity distribution Measurement		IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurements	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Products"			
		• IS: 16106-2012	2 "Method	of Electrical and	
		Photometric so	lid state lig	hting (LED)	
		Products"			
		• IS: 16105-2012	2 "Method	of measurement	
		of Lumen main	tenance of	solid state light	
		sources"			
Enclosures:					
Prepared By:		Д	Approved By:		
Sanjay Sharma		Ra	Rajeev Chhabra		

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Contact:

Total Power:

Email: customercare@halonix.co.in

Fax:

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

Electrical & Photometric Test Report

Photometric Test Report: (As Per IES I	-M 79-08)					
Sample ID: 21-05-2019 -001						
Catalogue Reference:	HLFLD-ML21-100-CWL-HL1		Testing Date:	21-05-2019		
Testing Agency:	HTPL Laboratory		Brand:	HALONIX		
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			nd Globe		
	Photometer (Type: PMS – 50/80) with Power Meter					
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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:						
Supply Voltage:	240V	Input Current :	0.425A			
Frequency:	50Hz					

Photometric Measurement Data:				
Total Measured Lumen :	11089.45lm	Luminaries Efficacy:	110.95lm/W	
CCT:	5847K	CRI:	72.2	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

Power Factor:

99.95W

0.980

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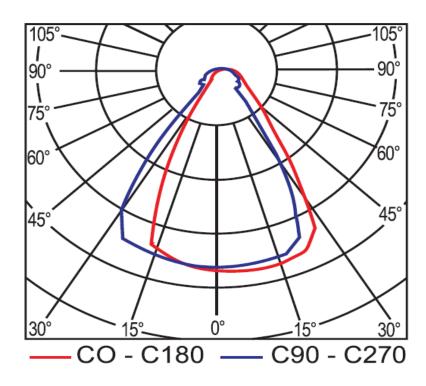
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Light intensity Distribution Diagram



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