

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) 10/17/2019

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: 17-10-2019 -003		Date:	17-10-2019		
Product Description:					
100W Energy Efficient LED Flood Light					
Product Catalogue Reference:	HLFLD-ML21-100-	CWL	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housing,	Glass front visor, SI	MD LED, Electronic driver	etc.		
Test Details:		Document	References	s/Standard:	
Light intensity distribution Measurement		• IES-LM-79-08 "	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurements	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Products"			
		• IS: 16106-2012	"Method	of Electrical and	
		Photometric sol	id state lig	hting (LED)	
		Products"			
		• IS: 16105-2012	IS: 16105-2012 "Method of measurement		
		of Lumen maint	enance of	solid state light	
		sources"			
Enclosures:					
Prepared By:		A	pproved B	y:	
Sanjay Sharma		Ra	Rajeev Chhabra		

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Photometric Test Report: (As Per IES LM 79-08)

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Photometric Measurement Data:

Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Fax:

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

Electrical & Photometric Test Report

(i.e.					
Sample ID: 17-10-2019 -003					
Catalogue Reference:	HLFLD-ML2	HLFLD-ML21-100-CWL		17-10-2019	
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE B	rand Gonio Photometer (Type	e: GO - 2000B V1) a	nd Globe	
	Photomete	Photometer (Type: PMS – 50/80) with Power Meter			
Ambient Temperature:	25±2°C	Relative Humidity:	65%	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 :	>80		
Measured Electrical Parameters	:				
Supply Voltage:	240V	Input Current :	0.424A		
Frequency:	50Hz				
Total Power :	99.76W	Power Factor :	0.980		
			•		

10097.71lm

5861K

Luminaries Efficacy:

Attached (Refer to Page No. 4)

Tested By: Sanjay Sharma

CRI:

101.22lm/W

81.5

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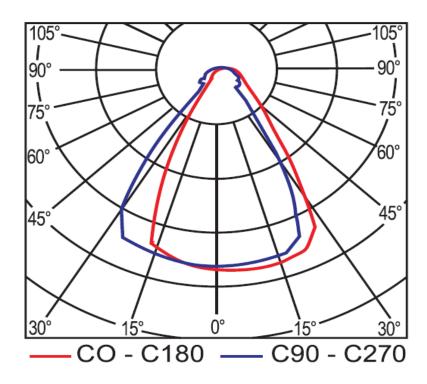
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Light intensity Distribution Diagram



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