

350W LED FLOOD LIGHT

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

350W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 07/18/2019

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: 18-07-2019	-001	Date	e: 18-07-2019
Product Description: 350W Energy Efficient LED Flood Light			
Product Catalogue Reference:	HLFLD-ML21-350-CWL-HL2	Branc	d: HALONIX
Construction:		•	•
Pressure die casted aluminum housing,	Glass front visor, SMD LED, E	ectronic driver etc.	
Test Details:		Document Referei	nces/Standard:
 Light intensity distribution Measure Total Lumen output Measurement Electrical Parameters Measurement 		IES-LM-79-08 "Electric Measurements of Solid Products" IS: 16106-2012 "Meth Photometric solid state Products" IS: 16105-2012 "Meth of Lumen maintenance Sources"	I-State Lighting od of Electrical and e lighting (LED) od of measurement
Enclosures:			
Prepared By:		Approve	d By:
Sanjay Sharma		Rajeev Ch	habra

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES	LM 79-08)		
Sample ID: 18-07-2019 -001			
Catalogue Reference:	HLFLD-ML21-350-CWL-HL2	Testing Date:	18-07-2019
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 :	350W	Rated Input Current:	1.612A
Nomical CCT :	5700K	Nominal CRI:	>70

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	1.489A	
Frequency:	50Hz			
Total Power :	349.91W	Power Factor :	0.979	

Photometric Measurement Data:			
Total Measured Lumen :	42412.59lm	Luminaries Efficacy:	121.21lm/W
CCT:	5891K	CRI:	72.6
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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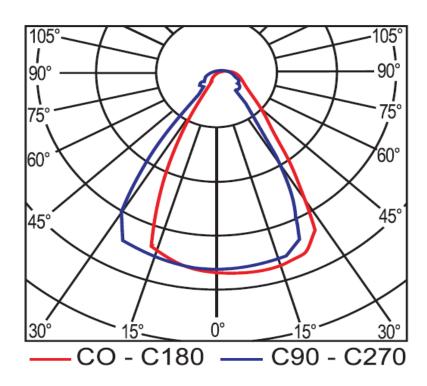
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Light intensity Distribution Diagram



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