

120W LED HW FLOOD LIGHT

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

120W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/30/2019

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: 30-01-2019 -001	Dat	te: 30-01-2019	
Product Description: 120W Energy Efficient LED Flood Light			
Product Catalogue Reference: HLFLD-ML01-120-CWL	-R Bra r	nd: HALONIX	
Construction:	•	•	
Pressure die casted aluminum housing, Glass front visor, SMD L	ED, Electronic driver etc.		
Test Details:	Document Refere	ences/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:	Approv	ved By:	
Sanjay Sharma	Rajeev Chhabra		

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Electrical & Photometric Test Report

Catalogue Reference:	HLELD-MLO	HLFLD-ML01-120-CWL-R Testin		30-01-2019
Testing Agency:		HTPL Laboratory		HALONIX
Equipment Used:		HTPL Laboratory Brand: HALONI: EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe		nd 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		Baladia I Cara	0.553A	
Rated Performance Parameters Rated Wattage:	120W	Rated Input Current:	0.5557	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.509A	
Frequency:	50Hz			
Total Power :	119.95W	Power Factor :	0.982	

Photometric Measurement Data:			
Total Measured Lumen :	12250.49lm	Luminaries Efficacy:	102.13lm/W
CCT:	5825K	CRI:	71.9
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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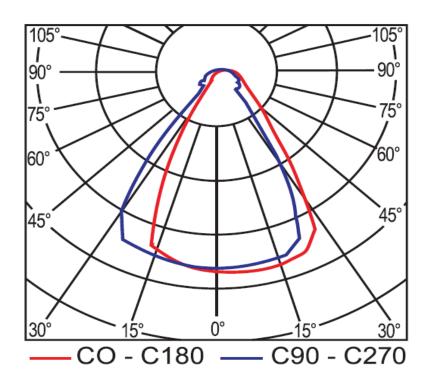
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Light intensity Distribution Diagram



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