

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

Contact:

Email: customercare@halonix.co.in

Fax:

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

Test Report

Report Number: 30-01-2019 -001		Date:	30-01-2019	
Product Description:				
120W Energy Efficient LED Flood Light				
Product Catalogue Reference:	HLFLD-ML01-120-WW	/L-R-HL2	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housing, G	ilass front visor, SMD	LED, Electronic driver	etc.	
Test Details:		Document	References	s/Standard:
• Light intensity distribution Measurer	nent	IES-LM-79-08 "Electrical and Photometric		
Total Lumen output Measurement		Measurements	of Solid-Sta	ate Lighting
Electrical Parameters Measurement		Products"		
		• IS: 16106-2012	"Method	of Electrical and
		Photometric sol	id state lig	hting (LED)
		Products"		
		• IS: 16105-2012	"Method	of measurement
		of Lumen maint	enance of	solid state light
		sources"		
Enclosures:				
Prepared By:		Approved By:		
Sanjay Sharma		Rajeev Chhabra		

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Fax:

CCT:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

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

Electrical & Photometric Test Report

Photometric Test Report: (As F	Per IES LM 79-08)			
Sample ID: 30-01-2019 -001				
Catalogue Reference:	HLFLD-ML01-	HLFLD-ML01-120-WWL-R-HL2		30-01-2019
Testing Agency:	HTPL Laborate	HTPL Laboratory		HALONIX
Equipment Used:		EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and 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 :	120W	Rated Input Current:	0.553A	
Nomical CCT :	3000K	Nominal CRI:	>70	
Measured Electrical Parameters	<u>:</u>			_
Supply Voltage:	240V	Input Current :	0.509A	
Frequency:	50Hz			
Total Power :	119.95W	Power Factor :	0.982	
Photometric Measurement Data	a:			_
Total Measured Lumen :	14649.49lm	Luminaries Efficacy:	122.13lm/W	

CRI:

Attached (Refer to Page No. 4)

Tested By: Sanjay Sharma

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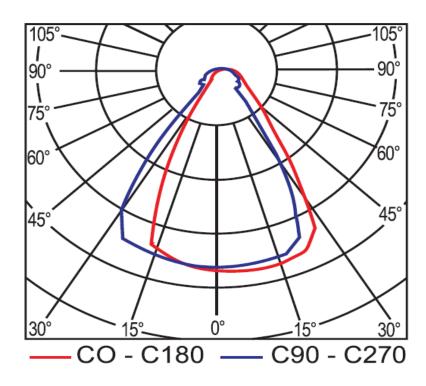
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Light intensity Distribution Diagram



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