

## 80W LED FLOOD LIGHT

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

80W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/16/2019

# 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

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### **Test Report**

Report Number:	16-01-201	9 -001		Date:	16-01-2019
Duadout Descriptions					
Product Description:					
80W Energy Efficient LE	D Flood Light				
<b>Product Catalogue Refe</b>	erence:	HLFLD-ML21-80-	CWL	Brand:	HALONIX
Construction:					
Pressure die casted alur	ninum housing	, Glass front visor, S	SMD LED, Electronic driver	etc.	
	0.	,	,		
	Test Details:		Document	Reference	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	2 "Method	of Electrical and
			Photometric so		
			Products"		
				"Method	of measurement
			of Lumen maint		
			sources"	criance or	solid state light
Enclosures:			Sources		
Liiciosuies.	Dropared By:			nnroyed P	
	Prepared By:			pproved B	у.
Sanjay Sharma		Ra	Rajeev Chhabra		

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### **Electrical & Photometric Test Report**

Photometric Test Report: (As Per IES	S LM 79-08)				
Sample ID: 16-01-2019 -001					
Catalogue Reference:	ue Reference: HLFLD-ML21-80-CWL		Testing Date:	16-01-2019	
Testing Agency:	HTPL Laborate	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE Bra	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			
	Photometer (	Photometer (Type: PMS – 50/80) with Power Meter			
Ambient Temperature:	25±2°C	Relative Humidity:	65%		
Test Voltage:	240V	Frequency:	50Hz		
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Ambient Temperature:	25±2°C	Relative Humidity:	65%
Test Voltage:	240V	Frequency:	50Hz
Stabilization Time:	30Min	<b>Total Operating Time:</b>	1.30Hours

Rated Performance Parameters:			
Rated Wattage :	80W	Rated Input Current:	0.386A
Nomical CCT :	5700K	Nominal CRI:	>70

<b>Measured Electrical Paramete</b>	ers:			
Supply Voltage:	240V	Input Current :	0.338A	
Frequency:	50Hz			
Total Power :	79.54W	Power Factor :	0.981	

Photometric Measurement Data:				
Total Measured Lumen :	8079.67lm	Luminaries Efficacy:	101.58lm/W	
CCT:	5765K	CRI:	72.2	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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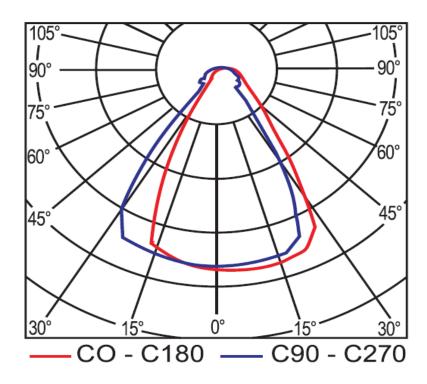
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#### **Light intensity Distribution Diagram**



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Catalogue Re	ference	HLFLD-ML21-80-CWL	Sample ID	16-01-2019 -001	