

### **60W LED FLOOD LIGHT**

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

**60W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/23/2019

# 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: 23-01-2	2019 -001		Date:	23-01-2019	
Product Description: 60W Energy Efficient LED Flood Ligh	nt				
Product Catalogue Reference:	HLFLD-ML21-60-	CWL	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum hous	sing, Glass front visor, S	SMD LED, Electronic driver	etc.		
	,				
Test Details:		Document I	Document References/Standard:		
Light intensity distribution Measurement		• IES-LM-79-08 "E	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 Products"	id state lig	hting (LED)	
			"Method	of measurement	
		of Lumen maint			
		sources"	charice of	sona state light	
Enclosures:					
Prepared	Ву:	A	Approved By:		
Sanjay Sharma		Ra	Rajeev Chhabra		

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Contact:

**Total Power:** 

Email: customercare@halonix.co.in

Fax:

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

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

Photometric Test Report: (As Per	IES LM 79-08)				
Sample ID: 23-01-2019 -001	·				
Catalogue Reference:	HLFLD-ML2	HLFLD-ML21-60-CWL		23-01-2019	
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			
	Photomete	Photometer (Type: PMS – 50/80) with Power Meter			
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 :	60W	Rated Input Current:	0.289A		
Nomical CCT :	5700K	Nominal CRI:	>70		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.256A		
Frequency:	50Hz				

Photometric Measurement Data:					
Total Measured Lumen :	6110.61lm	<b>Luminaries Efficacy:</b>	102.15lm/W		
CCT:	5804K	CRI:	72.6		
Light Intensity Distribution:		Attached (Refer to Page No. 4)			
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma			

**Power Factor:** 

0.974

59.82W

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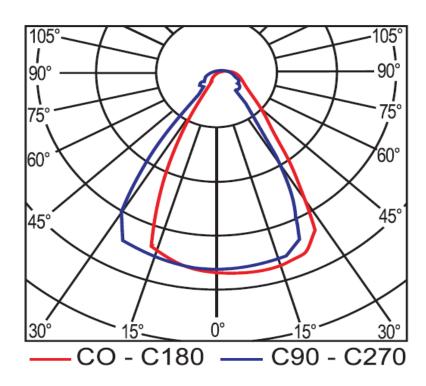
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#### **Light intensity Distribution Diagram**



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Catalogue Reference	HLFLD-ML21-60-CWL	Sample ID	23-01-2019 -001	