

### **150W LED FLOOD LIGHT**

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

**150W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 09/06/2019

# 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: 06-09-2019	-002		Date:	06-09-2019
<b>Product Description:</b> 150W Energy Efficient LED Flood Light				
Product Catalogue Reference:	HLFLD-ML14-150-CWL	-R-HL1-P	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housing,	Glass front visor, SMD I	ED, Electronic driver	etc.	
Test Details:		Document	References	s/Standard:
<ul> <li>Light intensity distribution Measurement</li> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> </ul>		<ul> <li>IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products"</li> <li>IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products"</li> <li>IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"</li> </ul>		
Enclosures:				
Prepared By:		Α	pproved B	y:
Sanjay Sharma		Rajeev Chhabra		

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

Photometric Test Report: (As	Per IES LM 79-08)			
<b>Sample ID:</b> 06-09-2019 -002				
Catalogue Reference:	HLFLD-ML1	HLFLD-ML14-150-CWL-R-HL1-P		06-09-2019
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	Total Operating Time:	1.30Hours	
		·	•	
Rated Performance Parameters	<b>S:</b>			
Rated Wattage :	150W	Rated Input Current:	0.691A	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.636A	
Frequency:	50Hz			
Total Power :	149.82W	Power Factor :	0.982	

Photometric Measurement Data:				
Total Measured Lumen :	16650.99lm	Luminaries Efficacy:	111.14lm/W	
CCT:	5740K	CRI:	72.9	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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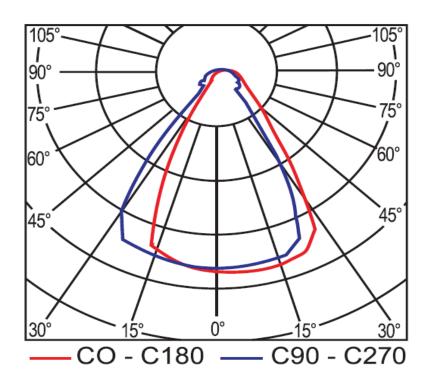
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#### **Light intensity Distribution Diagram**



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