

### **180W LED HW FLOOD LIGHT**

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

**180W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 06/24/2019

# HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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#### **Test Report**

Report Number: 24-06-2019 -002		Date:	24-06-2019		
<b>Product Description:</b> 180W Energy Efficient LED Flood Light					
Product Catalogue Reference:	HLFLD-ML15-180-	CWL-R-HL2	Brand:	HALONIX	
Construction:					
Pressure die casted aluminum housing,	Glass front visor, SI	MD LED, 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>		Measurements Products"  IS: 16106-2012 Photometric sol Products"  IS: 16105-2012	<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</li> </ul>		
Enclosures:					
Prepared By:		A	Approved By:		
Sanjay Sharma		Ra	jeev Chhak	ora	

## HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

**Photometric Test Report:** (As Per IES LM 79-08)

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

Sample ID: 24-06-2019 -002	•				
Catalogue Reference:	HLFLD-ML15	HLFLD-ML15-180-CWL-R-HL2		24-06-2019	
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX	
Equipment Used:	EVERFINE Br	and Gonio Photometer (Type	e: GO - 2000B V1) a	GO - 2000B V1) and Globe	
	Photometer	Photometer (Type: PMS – 50/80) with Power Meter			
Ambient Temperature:	25±2°C	Relative Humidity:	65%	65%	
Test Voltage:	240V	Frequency:	50Hz	50Hz	
Stabilization Time:	30Min	<b>Total Operating Time:</b>	1.30Hours		
		•	•		
Rated Performance Parameter	s:				
Rated Performance Parameter Rated Wattage :	s: 180W	Rated Input Current:	0.829A		
		Rated Input Current : Nominal CRI :	0.829A >70		
Rated Wattage :	180W	· · · · · · · · · · · · · · · · · · ·			
Rated Wattage :	180W 5700K	· · · · · · · · · · · · · · · · · · ·			
Rated Wattage : Nomical CCT :	180W 5700K	· · · · · · · · · · · · · · · · · · ·			
Rated Wattage : Nomical CCT : Measured Electrical Parameter	180W 5700K	Nominal CRI :	>70		

Photometric Measurement Data:				
Total Measured Lumen :	22028.52lm	Luminaries Efficacy:	122.51lm/W	
CCT:	5791K	CRI:	73.2	
Light Intensity Distribution:		Attached (Refer to Page No	. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		
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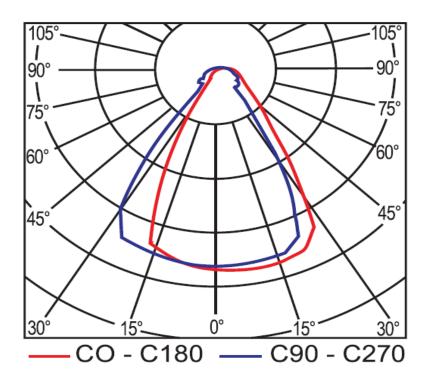
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#### **Light intensity Distribution Diagram**



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