

### **200W LED HW FLOOD LIGHT**

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

**200W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 06/17/2019

# 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:	17-06-2019	9 -001			Date:	17-06-2019
Product Description:						
•	LED Flood Light					
200W Energy Efficient	LED Flood Light					
<b>Product Catalogue Ref</b>	ference:	HLFLD-ML15-2	200-CWL-R		Brand:	HALONIX
Construction:						
Pressure die casted alu	uminum housing,	Glass front viso	or, SMD LED	, Electronic driver	etc.	
	Test Details:			Dearmant	Deference	· /Ctondoud
						s/Standard:
<ul> <li>Light intensity dist</li> </ul>			•	120 2111 75 00 21coci ioai ana i nocomoci io		
<ul> <li>Total Lumen outpo</li> </ul>	ut Measurement			Measurements	of Solid-Sta	ate Lighting
<ul> <li>Electrical Paramet</li> </ul>	ers Measuremer	nt		Products"		
			•	IS: 16106-2012	"Method	of Electrical and
				Photometric sol	id state lig	hting (LED)
				Products"	J	<b>3</b> \ ,
					"Method	of measurement
				of Lumen maint		
					enance or	soliu state ligit
Enclosures:				sources"		
enciosures:	Duamanad D					
	Prepared By:			A	pproved B	<b>y</b> :
Sanjay Sharma			Ra	jeev Chhak	ora	
			-			

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

Photometric Test Report: (As Pe	r IES LM 79-08)				
Sample ID: 17-06-2019 -001					
Catalogue Reference: HLFLD-ML15-200-CWL-R Testing			Testing Date:	17-06-2019	
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX	
<b>Equipment Used:</b> EVERFINE Brand Gonio Photometer			ype: GO - 2000B V1) a	nd Globe	
	Photomete	Photometer (Type: PMS – 50/80) with Power Meter			
Ambient Temperature:	25±2°C	Relative Humidity:	65%		
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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 :	200W	Rated Input Current:	0.921A	
Nomical CCT :	5700K	Nominal CRI:	>70	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.846A	
Frequency:	50Hz			
Total Power :	199.29W	Power Factor :	0.982	

Photometric Measurement Data:				
Total Measured Lumen :	20349.5lm	Luminaries Efficacy:	102.11lm/W	
CCT:	5845K	CRI:	71.5	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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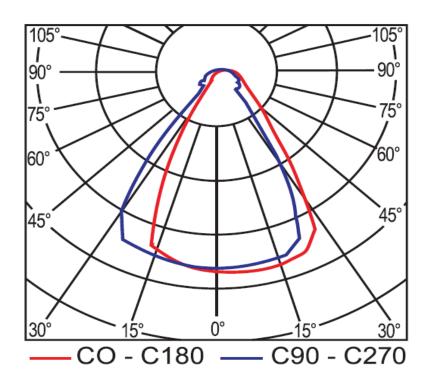
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#### **Light intensity Distribution Diagram**



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