

### 150W LED LW 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) 04/29/2019

# 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:	29-04-201	9 -001			Date:	29-04-2019
Product Description:						
•						
150W Energy Efficient	LED Flood Light					
<b>Product Catalogue Ref</b>	ference:	HLFLD-ML15-1	L50-CWL-RL		Brand:	HALONIX
Construction:						
Pressure die casted alu	ıminum housing	, Glass front viso	r, SMD LED,	Electronic driver	etc.	
	0.		,			
	Test Details:			Document	References	s/Standard:
Light intensity distribution Measurement		•	IES-LM-79-08 "Electrical and Photometric			
Total Lumen output Measurement			Measurements of Solid-State Lighting			
Electrical Parameters Measurement			Products"			
			•	IS: 16106-2012	"Method	of Electrical and
				Photometric so		
				Products"		
					"Method	of measurement
				of Lumen maint		
				sources"	crianice of	sond state light
Enclosures:				3001023		
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Prepared By:			A	ppi oved b	<u>y ·                                     </u>	
Sanjay Sharma			Ra	jeev Chhak	ora	

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Contact:

**Total Power:** 

Email: customercare@halonix.co.in

Fax:

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

Photometric Test Report: (As Per IES I	.M 79-08)				
Sample ID: 29-04-2019 -001					
Catalogue Reference:	HLFLD-ML15-150-CWL-RL		Testing Date:	29-04-2019	
Testing Agency:	HTPL Laboratory		Brand:	HALONIX	
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	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 :	150W	Rated Input Current:	0.691A		
Nomical CCT :	5700K	Nominal CRI:	>70		
Measured Electrical Parameters:					
Supply Voltage:	240V	Input Current :	0.636A		
Frequency:	50Hz				

Photometric Measurement Data:				
Total Measured Lumen :	15157.4lm	Luminaries Efficacy:	101.11lm/W	
CCT:	5802K	CRI:	72.2	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

**Power Factor:** 

0.982

149.91W

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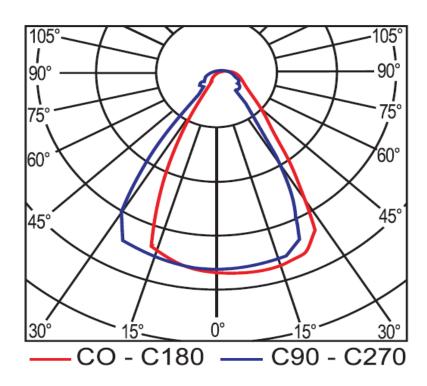
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLFLD-ML15-150-CWL-RL	Sample ID	29-04-2019 -001	