

150W LED HW 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) 09/09/2019

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: 09-09-2019 -001		Date:	09-09-2019
Product Description:			
150W Energy Efficient LED Flood Light			
25017 211018) 2111016111 223 11000 218111			
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Product Catalogue Reference: HLFLD-ML2	.5-150-WWL-R	Brand:	HALONIX
Construction:			
Pressure die casted aluminum housing, Glass front	visor, SMD LED, Electronic driver	etc.	
Test Details:	Document	Reference	s/Standard:
Light intensity distribution Measurement	• IES-LM-79-08 "	8 "Electrical and Photometric	
 Total Lumen output Measurement 	Measurements	of Solid-St	ate Lighting
 Electrical Parameters Measurement 	Products"		
	• IS: 16106-2012	2 "Method	of Electrical and
	Photometric so	lid state lig	hting (LED)
	Products"		
	• IS: 16105-2012	2 "Method	of measurement
	of Lumen main	tenance of	solid state light
	sources"		
Enclosures:			
Prepared By:	Α	Approved By:	
Sanjay Sharma Rajeev Chhabra		ora	

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES	LM 79-08)			
Sample ID: 09-09-2019 -001				
Catalogue Reference:	HLFLD-ML15-150-WWL-R	Testing Date:	09-09-2019	
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	Total Operating Time:	1.30Hours

Rated Performance Parameters:			
Rated Wattage :	150W	Rated Input Current:	0.691A
Nomical CCT :	3000K	Nominal CRI:	>70

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.636A
Frequency:	50Hz		
Total Power :	149.81W	Power Factor :	0.981

Photometric Measurement Data:			
Total Measured Lumen :	15127.81lm	Luminaries Efficacy:	100.98lm/W
CCT:	3161K	CRI:	72.2
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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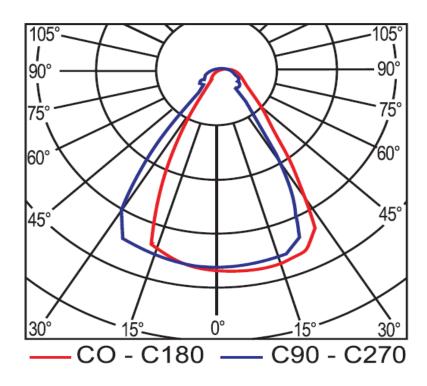
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Light intensity Distribution Diagram



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