

240W LED HW FLOOD LIGHT

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

240W Energy Efficient LED Flood Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/10/2019

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: 10-01-2019 -	001	Date:	10-01-2019	
Product Description:				
240W Energy Efficient LED Flood Light				
Product Catalogue Reference:	ILFLD-ML15-240-CWL-R	Brand:	HALONIX	
Construction:				
Pressure die casted aluminum housing, G	lass front visor, SMD LED, Ele	ectronic driver etc.		
Test Details:		Document References	s/Standard:	
 Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement 		 IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products" IS: 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) Products" IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources" 		
Enclosures:				
Prepared By:	Approved By:			
Sanjay Sharma	Sanjay Sharma Rajeev Chhabra		ora	

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES LM 79-08)					
Sample ID: 10-01-2019 -001					
Catalogue Reference:	HLFLD-ML15-240-CWL-R		Testing Date:	10-01-2019	
Testing Agency:	HTPL Laborator	у	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%		

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 :	240W	Rated Input Current:	1.105A	
Nomical CCT :	5700K	Nominal CRI:	>70	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	1.015A	
Frequency:	50Hz			
Total Power :	239.45W	Power Factor :	0.983	

Photometric Measurement Data:				
Total Measured Lumen :	25307.47lm	Luminaries Efficacy:	105.69lm/W	
CCT:	5769K	CRI:	72.6	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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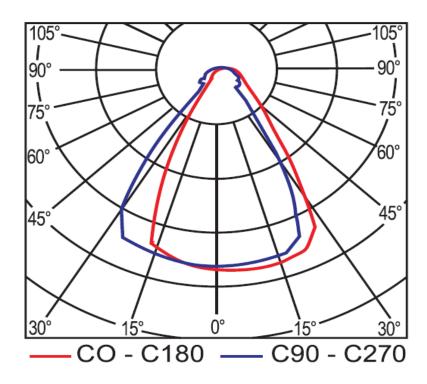
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Light intensity Distribution Diagram



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