

250W LED HW FLOOD LIGHT

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

250W 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

Contact:

Email: customercare@halonix.co.in

Fax:

Web: http://www.halonix.co.in

Test Report

Report Number: 10-01-2019	9 -001		Date:	10-01-2019
Product Description:				
250W Energy Efficient LED Flood Light				
Product Catalogue Reference:	HLFLD-ML15-250-CW	/L-R	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housing,	Glass front visor, SME	LED, Electronic driver	etc.	
Test Details:		Document	Reference	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:		A	pproved B	y:
Sanjay Sharma		Ra	jeev Chhal	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-ML1	5-250-CWL-R	Testing Date:	10-01-2019	
Testing Agency:	HTPL Labor	HTPL Laboratory Brand: HALC			
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 :	250W	Rated Input Current:	1.151A
Nomical CCT :	5700K	Nominal CRI:	>70

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	1.052A	
Frequency:	50Hz			
Total Power :	248.96W	Power Factor :	0.986	

Photometric Measurement Data:				
Total Measured Lumen :	25637.9lm	Luminaries Efficacy:	102.98lm/W	
CCT:	5869K	CRI:	71.9	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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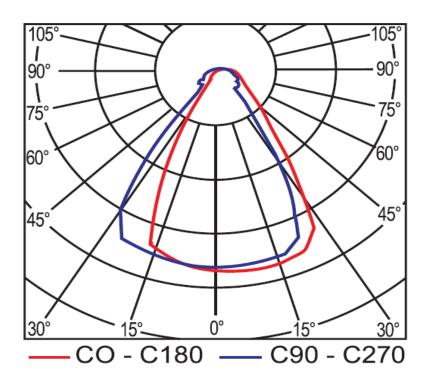
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Light intensity Distribution Diagram



Catalogue Reference	HLFLD-ML15-250-CWL-R	Sample ID	10-01-2019 -001