

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) 07/04/2019

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: 04-07-2019 -001		Date:	04-07-2019	
Product Description:				
200W Energy Efficient LED Flood Light				
Product Catalogue Reference: HLFLD	ML14-200-CWL-R	Brand:	HALONIX	
Construction:		•	•	
Pressure die casted aluminum housing, Glass f	ont visor, SMD LED, Electronic drive	er etc.		
Test Details:	Documen	t Reference	s/Standard:	
• Light intensity distribution Measurement	• IES-LM-79-08	IES-LM-79-08 "Electrical and Photometric		
 Total Lumen output Measurement 	Measurement	s of Solid-St	ate Lighting	
 Electrical Parameters Measurement 	Products"			
	• IS: 16106-20	12 "Method	of Electrical and	
	Photometric s	olid state lig	hting (LED)	
	Products"			
	• IS: 16105-20	12 "Method	of measurement	
	of Lumen mai	ntenance of	solid state light	
	sources"			
Enclosures:				
Prepared By:		Approved B	y:	
Sanjay Sharma	1	Rajeev Chhal	bra	

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Electrical & Photometric Test Report

Photometric Test Report: (As F	Per IES LM 79-08)			
Sample ID: 04-07-2019 -001				
Catalogue Reference:	HLFLD-ML14	4-200-CWL-R	Testing Date:	04-07-2019
Testing Agency:	HTPL Labora	HTPL Laboratory		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:	165%	

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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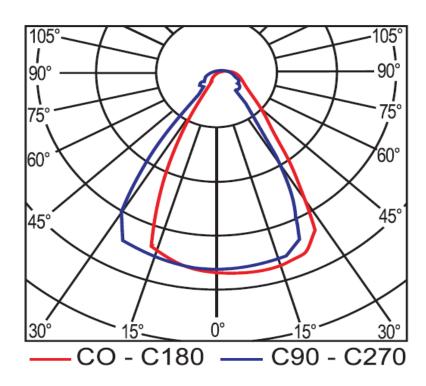
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Light intensity Distribution Diagram



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