

200W LED 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) 10/17/2019

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:	17-10-201	9 -001		Date:	17-10-2019	
Product Description:						
•						
200W Energy Efficient	LED Flood Light					
Product Catalogue Ref	erence:	HLFLD-ML14-2	00-NWL-R-HL2	Brand:	HALONIX	
Construction:						
Pressure die casted alu	minum housing	, Glass front viso	r, SMD LED, Electronic	driver etc.		
	0.		,			
	Test Details:		Doc	ument Reference	s/Standard:	
 Light intensity dist 	Light intensity distribution Measurement		• IES-LM-	IES-LM-79-08 "Electrical and Photometric		
 Total Lumen outpu 			Measure	Measurements of Solid-State Lighting		
Electrical Parameters Measurement		Products	,")			
		• IS: 1610	IS: 16106-2012 "Method of Electrical and			
			Photome	etric solid state lig	hting (LED)	
			Products			
			• IS: 1610	05-2012 "Method	of measurement	
				n maintenance of		
			sources"			
Enclosures:			304.003			
Prepared By:				Approved B	v:	
	Sanjay Sharma	l		Rajeev Chhal	ora	
			-			

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Electrical & Photometric Test Report

Photometric Test Report: (As	Per IES LM 79-08)			
Sample ID: 17-10-2019 -001				
Catalogue Reference:	HLFLD-ML1	HLFLD-ML14-200-NWL-R-HL2		17-10-2019
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX
Equipment Used:	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe			nd Globe
	Photomete	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 :	200W	Rated Input Current:	0.921A	
Nomical CCT :	4000K	Nominal CRI :	>70	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.848A	
Frequency:	50Hz			
Total Power :	199.98W	Power Factor :	0.983	

Photometric Measurement Data:				
Total Measured Lumen :	24401.56lm	Luminaries Efficacy:	122.02lm/W	
CCT:	4118K	CRI:	73.2	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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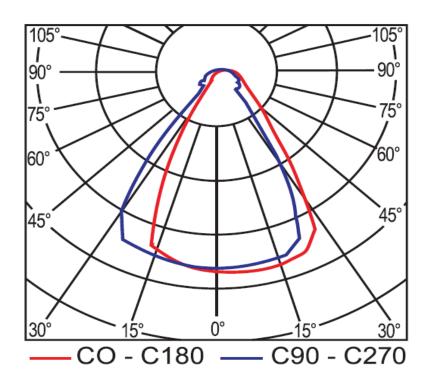
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Light intensity Distribution Diagram



Catalogue Reference	HLFLD-ML14-200-NWL-R-HL2	Sample ID	17-10-2019 -001