

200W LED LW 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) 02/18/2019

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: 18-02-2019	0 -001		Date:	18-02-2019
Product Description:				
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200W Energy Efficient LED Flood Light				
Product Catalogue Reference:	HLFLD-ML15-200-0	CWL-RL	Brand:	HALONIX
Construction:				
Pressure die casted aluminum housing,	Glass front visor, SN	MD LED, Electronic driver	etc.	
Test Details:		Document	References	s/Standard:
• Light intensity distribution Measure	ement	• IES-LM-79-08 "	Electrical a	nd Photometric
• Total Lumen output Measurement		Measurements	of Solid-Sta	ate Lighting
• Electrical Parameters Measuremen	t	Products"		
		• IS: 16106-2012	"Method	of Electrical and
		Photometric sol	id state lig	hting (LED)
		Products"		
		• IS: 16105-2012	"Method	of measurement
		of Lumen maint	enance 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	^r IES LM 79-08)			
Sample ID: 18-02-2019 -001				
Catalogue Reference:	HLFLD-ML1	HLFLD-ML15-200-CWL-RL Testing Date:		
Testing Agency:	HTPL Labor	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:	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 :	200W	Rated Input Current:	0.921A
Nomical CCT :	5700K	Nominal CRI:	>70

Measured Electrical Parameters:			
Supply Voltage:	240V	Input Current :	0.85A
Frequency:	50Hz		
Total Power :	199.79W	Power Factor :	0.979

Photometric Measurement Data:			
Total Measured Lumen :	20204.76lm	Luminaries Efficacy:	101.13lm/W
CCT:	5804K	CRI:	72.2
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

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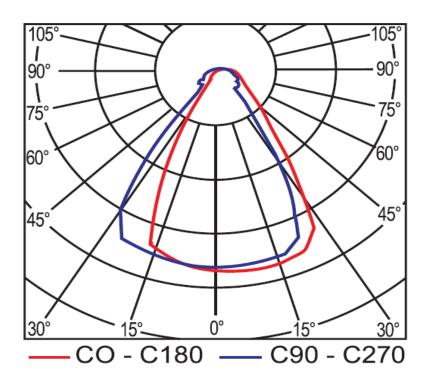
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Light intensity Distribution Diagram



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