

### 300W LED FLOOD LIGHT

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

**300W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 05/19/2019

# 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**

<b>Report Number:</b> 19-05-2019 -002		Date:	19-05-2019	
<b>Product Description:</b> 300W Energy Efficient LED Flood Light				
Product Catalogue Reference: HLFLD	-ML21-300-NWL	Brand:	HALONIX	
Construction:		•		
Pressure die casted aluminum housing, Glass f	ront visor, SMD LED, Electronic driv	er etc.		
Test Details:	Docume	nt Reference	s/Standard:	
<ul> <li>Total Lumen output Measurement</li> <li>Electrical Parameters Measurement</li> <li>IS: 16106-2012</li> <li>Photometric so Products"</li> <li>IS: 16105-2012</li> </ul>		its of Solid-St 012 "Method solid state lig 012 "Method	Electrical and Photometric of Solid-State Lighting  2 "Method of Electrical and lid state lighting (LED)  2 "Method of measurement tenance of solid state light	
Enclosures:				
Prepared By:		Approved B	y:	
Sanjay Sharma		Rajeev Chhabra		

## HALONIX TECHNOLOGIES PRIVATE LIMITED HTPL LABORATORY (NABL Certificate No: TC-7634)

Photometric Test Report: (As Per IES LM 79-08)

Plot-5, Sector-12, IIE, SIDCUL

Haridwar (Uttarakhand), PIN-249403, India

Contact:

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**Photometric Measurement Data:** 

**Total Measured Lumen:** 

**Light Intensity Distribution:** 

Approved By: Rajeev Chhabra

CCT:

Fax:

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

#### **Electrical & Photometric Test Report**

Catalogue Reference:	HLFLD-MI 21	HLFLD-ML21-300-NWL		19-05-2019	
Testing Agency:		HTPL Laboratory		HALONIX	
		<u>'</u>	Brand:		
Equipment Used:		EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe Photometer (Type: PMS – 50/80) with Power Meter			
	Photometer				
Ambient Temperature:	25±2°C	<b>Relative Humidity:</b>	65%		
Test Voltage:	240V	Frequency:	50Hz		
Stabilization Time:	30Min	30Min Total Operating Time: 1.30Hours			
	•		•		
<b>Rated Performance Parameter</b>	s:				
Rated Wattage :	300W	Rated Input Current:	1.382A		
Nomical CCT :	4000K	Nominal CRI:	>70		
<b>Measured Electrical Parameter</b>	s:				
	240V	Input Current: 1.272A			
Supply Voltage:			I		
Supply Voltage: Frequency:	50Hz				

30829.63lm

4121K

Luminaries Efficacy:

Attached (Refer to Page No. 4)

Tested By: Sanjay Sharma

CRI:

102.81lm/W

72.2

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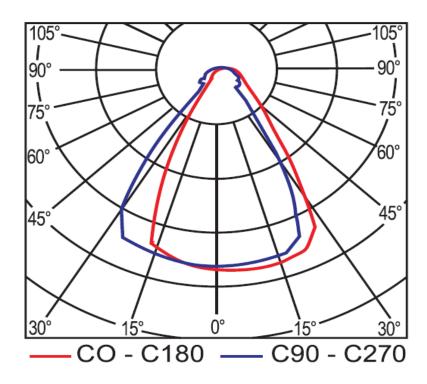
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#### **Light intensity Distribution Diagram**



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Catalogue Reference	HLFLD-ML21-300-NWL	Sample ID	19-05-2019 -002	