

### **160W LED HW FLOOD LIGHT**

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

**160W Energy Efficient LED Flood Light** 

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 01/04/2019

# 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> 04-01-2019 -001		Date:	04-01-2019	
Product Description:				
160W Energy Efficient LED Flood Light				
Product Catalogue Reference: HLFI	D-ML15-160-CWL-R	Brand:	HALONIX	
Construction:		•		
Pressure die casted aluminum housing, Glass	front visor, SMD LED, Electronic driv	er etc.		
Test Details: Document		nt Reference	s/Standard:	
• Light intensity distribution Measuremen	• IES-LM-79-08	IES-LM-79-08 "Electrical and Photometric		
<ul> <li>Total Lumen output Measurement</li> </ul>	Measuremen	ts of Solid-St	ate Lighting	
<ul> <li>Electrical Parameters Measurement</li> </ul>	Products"			
	• IS: 16106-20	12 "Method	of Electrical and	
	Photometric :	solid state lig	thting (LED)	
	Products"			
	• IS: 16105-20	• IS: 16105-2012 "Method of measurement		
	of Lumen ma	intenance of	solid state light	
	sources"			
Enclosures:				
Prepared By:		Approved By:		
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

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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**

( (				
<b>Sample ID:</b> 04-01-2019 -001				
Catalogue Reference:	HLFLD-ML15	HLFLD-ML15-160-CWL-R		04-01-2019
Testing Agency:	HTPL Labora	HTPL Laboratory		HALONIX
Equipment Used:	EVERFINE Br	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe		
	Photometer	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	
		<u> </u>	•	
<b>Rated Performance Parameters</b>	:			
Rated Wattage :	160W	Rated Input Current:	0.737A	
Nomical CCT :	5700K	Nominal CRI:	>70	
	•			
Measured Electrical Parameters	:			
Supply Voltage:	240V	Input Current :	0.674A	
Frequency:	50Hz			
Total Power :	158.89W	Power Factor :	0.982	
			-	

16346.6lm 5726K Luminaries Efficacy:

Attached (Refer to Page No. 4)

Tested By: Sanjay Sharma

CRI:

102.88lm/W

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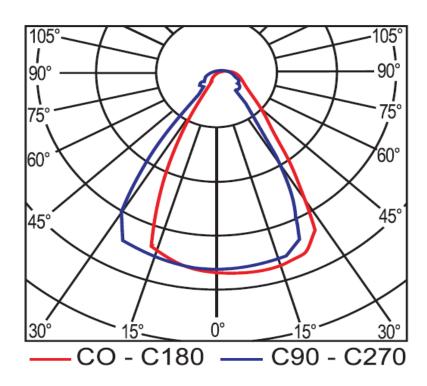
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#### **Light intensity Distribution Diagram**



Catalogue Reference	HLFLD-ML15-160-CWL-R	Sample ID	04-01-2019 -001