



## **LED 22W PIT LIGHT**

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

**Energy Efficient 22W LED Pit Light**

**Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634)**

**6/15/2019**

**HALONIX TECHNOLOGIES PRIVATE LIMITED**  
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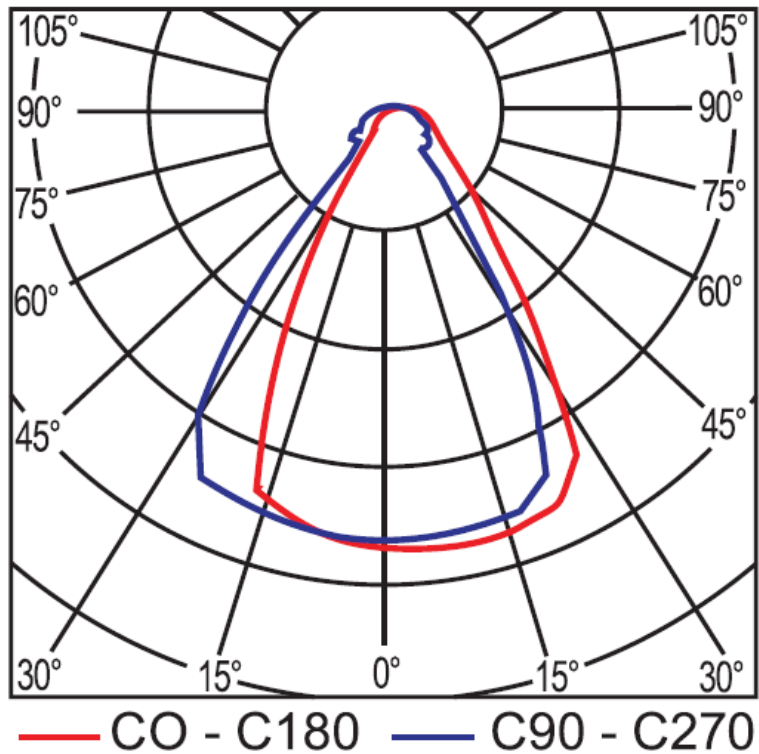
### **Test Report**

<b>Report Number:</b> 15/06/2019-001		<b>Date:</b>	15/06/2019
<b>Product Description:</b> Energy Efficient LED 22W PIT LIGHT			
<b>Product Catalogue Reference:</b> HLHLPIT-04-22-CW-110VAC		<b>Brand:</b>	HALONIX
<b>Construction:</b> Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc.			
<b>Test Details:</b>		<b>Document References/Standard:</b>	
<ul style="list-style-type: none"><li>• Light intensity distribution Measurement</li><li>• Total Lumen output Measurement</li><li>• Electrical Parameters Measurement</li></ul>		<ul style="list-style-type: none"><li>• IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products"</li><li>• IS : 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) products"</li><li>• IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"</li></ul>	
<b>Enclosures:</b>			
<b>Prepared By:</b>		<b>Approved By:</b>	
Sanjay Sharma		Rajeev Chhabra	

## Electrical & Photometric Test Report

Photometric Test Report: (As Per IES LM 79-08)			
Sample ID: 15/06/2019-001			
Catalogue Reference:	HLHLPIT-04-22-CW-110VAC	Testing Date:	15/06/2019
Testing Agency:	HTPL Laboratory	Brand:	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±5%
Test Voltage:	110V	Frequency:	50Hz
Stabilization Time:	30Min	Total Operating Time:	1.30Hours
Rated Performance Parameters:			
Rated Wattage:	22W	Rated Input Current:	0.231A
Nominal CCT:	5700K	Nominal CRI:	>70
Measured Electrical Parameters:			
Supply Voltage:	110V	Input Current:	0.209A
Frequency:	50Hz		
Total Power:	21.85W	Power Factor:	0.978
Photometric Measurement Data:			
Total Measured Lumen:	2218.86lm	Luminaries Efficacy:	101.55lm/W
CCT:	5756K	CRI:	73.2
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

**Light intensity Distribution Diagram**



Catalogue Reference	HLHLPIT-04-22-CW-110VAC	Sample ID	15/06/2019-001
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