



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
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>

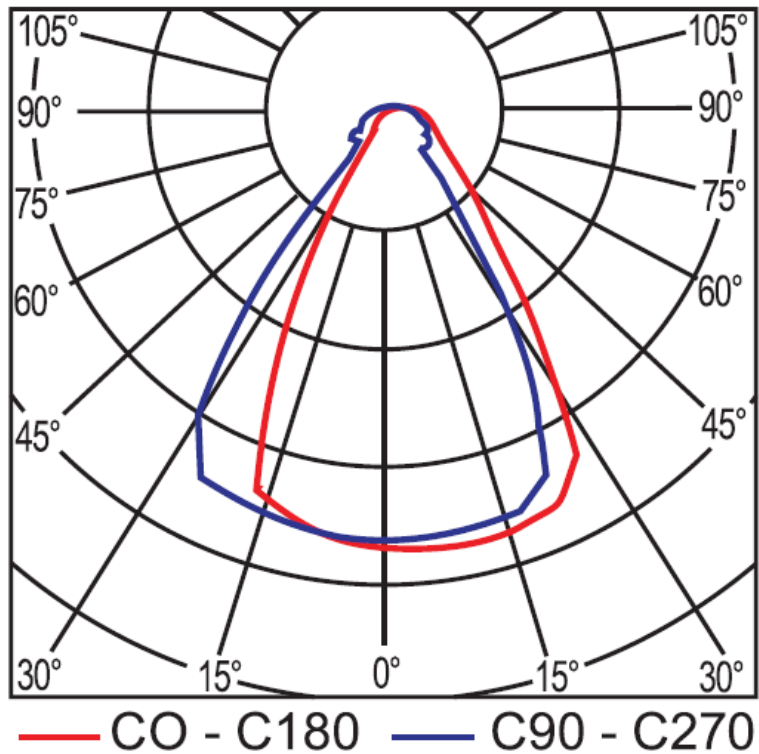
Test Report

Report Number: 15/06/2019-001		Date:	15/06/2019
Product Description: Energy Efficient LED 22W PIT LIGHT			
Product Catalogue Reference: HLPIT-04-22-CW-110VAC		Brand:	HALONIX
Construction: Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc.			
Test Details:		Document References/Standard:	
<ul style="list-style-type: none">Light intensity distribution MeasurementTotal Lumen output MeasurementElectrical Parameters Measurement		<ul style="list-style-type: none">IES-LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products"IS : 16106-2012 "Method of Electrical and Photometric solid state lighting (LED) products"IS: 16105-2012 "Method of measurement of Lumen maintenance of solid state light sources"	
Enclosures:			
Prepared By:		Approved By:	
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:	HLPIT-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:	>75
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:	76.2
Light Intensity Distribution:		Attached (Refer to Page No. 4)	
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma	

Light intensity Distribution Diagram



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