

120W LED HW BAY LIGHT

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

120W Energy Efficient LED Bay Light

Issued by: Halonix Technologies Private Limited (NABL Certification No: TC-7634) 02/20/2019

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

Product Description: 120W Energy Efficient LED Bay Light Product Catalogue Reference: HLBLD-ML07-120-CWL-R Pressure die casted aluminum housing, Glass front visor, SMD LED, Electronic driver etc. Test Details: Document References/Standard: Light intensity distribution Measurement Total Lumen output Measurement Electrical Parameters Measurement IS: L6106-2012 "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	Report Number:	20-02-2019	9 -001			Date:	20-02-2019
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Sanjay Sharma Rajeev Chhabra		Prepared By:			Α	pproved B	y:
	3	Sanjay Sharma			Ra	jeev Chhal	ora

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Electrical & Photometric Test Report

Photometric Test Report: (As Per IES LM 79-08)						
Sample ID: 20-02-2019 -001						
Catalogue Reference:	HLBLD-MLC	HLBLD-ML07-120-CWL-R		20-02-2019		
Testing Agency:	HTPL Labor	HTPL Laboratory		HALONIX		
Equipment Used:	EVERFINE B	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe				
	Photomete	Photometer (Type: PMS – 50/80) with Power Meter				
Ambient Temperature:	25±2°C	Relative Humidity:	65%			
Test Voltage:	240V	Frequency:	50Hz			

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 :	120W	Rated Input Current:	0.553A	
Nomical CCT :	5700K	Nominal CRI:	>70	

Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.506A	
Frequency:	50Hz			
Total Power :	119.48W	Power Factor :	0.984	

Photometric Measurement Data:				
Total Measured Lumen :	12178.6lm	Luminaries Efficacy:	101.93lm/W	
CCT: 5804K		CRI:	72.1	
Light Intensity Distribution:		Attached (Refer to Page No. 4)		
Approved By: Rajeev Chhabra		Tested By: Sanjay Sharma		

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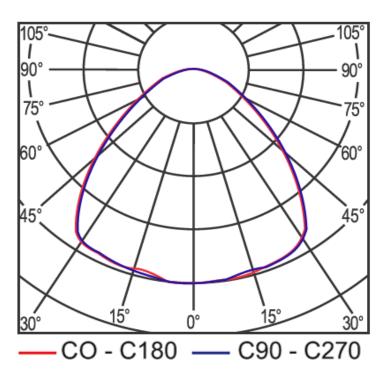
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Light intensity Distribution Diagram



Catalogue Reference	HLBLD-ML07-120-CWL-R	Sample ID	20-02-2019 -001