

100W LED HW BAY LIGHT

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

100W 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: 100W Energy Efficient LED Bay Light Product Catalogue Reference: HLBLD-ML07-100-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 Field Porducts" 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	Report Number: 20-0	2-2019 -001		Date:	20-02-2019	
Product Catalogue Reference: HLBLD-ML07-100-CWL-R Brand: HALONIX Construction: 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 • Electrical Parameters Measurement • 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:						
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Prepared By: Approved By:			sources"		G	
	Enclosures:					
Sanjay Sharma Rajeev Chhabra	Prepared By:		A	pproved B	y:	
	Sanjay Sharma		Ra	Rajeev Chhabra		

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Total Measured Lumen:

Light Intensity Distribution:

Approved By: Rajeev Chhabra

CCT:

Electrical & Photometric Test Report

Photometric Test Report: (As Per IES	5 LM 79-08)			
Sample ID: 20-02-2019 -001				
Catalogue Reference:	HLBLD-ML07-2	100-CWL-R	Testing Date:	20-02-2019
Testing Agency:	HTPL Laborato	ory	Brand:	HALONIX
Equipment Used:	EVERFINE Bran	EVERFINE Brand Gonio Photometer (Type: GO - 2000B V1) and Globe		
	Photometer (1	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	
Rated Performance Parameters:				
Rated Wattage :	100W	Rated Input Current:	0.482A	
Nomical CCT :	5700K	Nominal CRI:	>70	
Measured Electrical Parameters:				
Supply Voltage:	240V	Input Current :	0.423A	
Frequency:	50Hz			
Total Power :	99.74W	Power Factor :	0.982	
		•	•	
Photometric Measurement Data:				

10166.5lm 5804K Luminaries Efficacy:

Attached (Refer to Page No. 4) **Tested By:** Sanjay Sharma

CRI:

101.93lm/W

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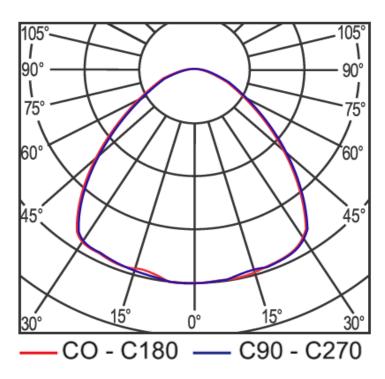
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Light intensity Distribution Diagram



Catalogue Reference	HLBLD-ML07-100-CWL-R	Sample ID	20-02-2019 -001