

LightLab
INTERNATIONAL
ALLENTOWN LLC

Summary of Test Results

LightLab International Allentown, LLC report number: LLIA002639-001A

Catalog Number: PlatinumLED BIOMAX 300

Portable, formed steel housing, aluminum circuit board mounting plate and 2 fans above LEDs. 100 LEDs - 48 red, 50 infrared, and 2 blue, each with clear conical plastic optic.



Spectral Radiant Flux measurements acquired in the LLIA 2m integrating sphere according to applicable sections of IES LM-79-19. Test measurements were acquired in one-minute intervals for 20 minutes of operating time. The test subject was measured in laboratory conditions.

Prepared For:
Platinum LED Holdings, LLC
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Lake Mary, FL 32746, USA

The laboratory has not participated in the selection of samples to be tested. All testing is performed on the understanding that the significance of the report is limited to the extent that the test sample is representative of production units. Prorating the performance of the sample for the use of other component combinations (such as lamp / LED / Ballast / driver), or for use in different environmental conditions than that tested, may produce erroneous results. This report is free of erasures and corrections.

Test Date: 4/11/2025

Summary Report Template V1-1

North America (issuing laboratory)

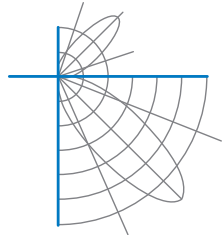
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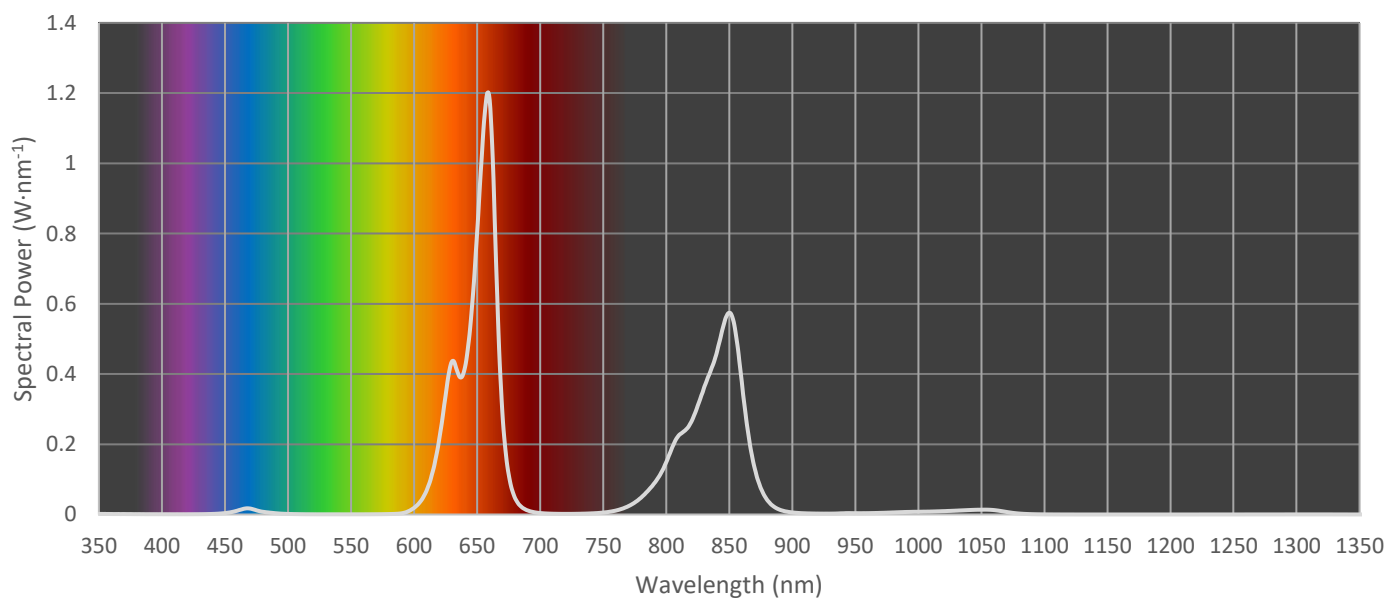
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Electrical Summary

Voltage	119.9 Vac
Current	1.482 A
Power	176.6 W
Frequency	59.99 Hz
Power Factor	0.994
Current THD	7.6 %

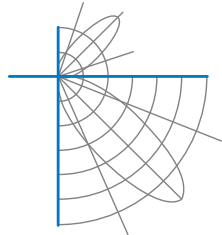


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Time (minutes)	Radiant Energy (J) (350- 1700nm)
0.5	3861.7
1.5	7675.4
2.5	11455.3
3.5	15213.6
4.5	18953.8
5.5	22683.4
6.5	26405.9
7.5	30121.4
8.5	33829.9
9.5	37521.2

Time (minutes)	Radiant Energy (J) (350- 1700nm)
10.5	41221.4
11.5	44913.6
12.5	48603.0
13.5	52290.2
14.5	55977.4
15.5	59663.3
16.5	63345.5
17.5	67025.7
18.5	70705.2
19.5	74384.3

