LightLab INTERNATIONAL ALLENTOWN LLC

Summary of Test Results

LightLab International Allentown, LLC report number: LLIA002781-001

Test Subject: NovoTHOR XL I041 Red Light Therapy Bed

Test Date: All testing was performed on October 20, 2025

Purpose: Spectral Irradiance measurements were made in locations across the bed surface pointed down in order to calculate average irradiance levels.

Procedure: Spectral Irradiance measurements were acquired at a central location pointed down at the bed surface as a function of time starting from room temperature. Measurements were also made in a grid of measurements at the bed surface level pointed down.

Equipment: Irradiance measurements acquired with LLIA asset #A108-Gigahertz-Optik BTS2048-VL-TEC Spectral Irradiance Meter System. Calibration date: 4/17/2025 (Gigahertz-Optik calibration certificate #2541045).

Environmental Conditions:

Measurements were taken on-site at Spectra Red Light's Headquarters in Harrisburg, PA. Test subjects were measured in typical operating environmental conditions on available wall electrical power except when noted in the data section of this report.

Prepared For:
Spectra Red Light
4400 Deer Path Rd
Suite 203
Harrisburg, PA 17110, 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.

Michael L. Grather
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Date: 2025.10.31 15:48:08 -04'00'

Report Date: 10/31/2025

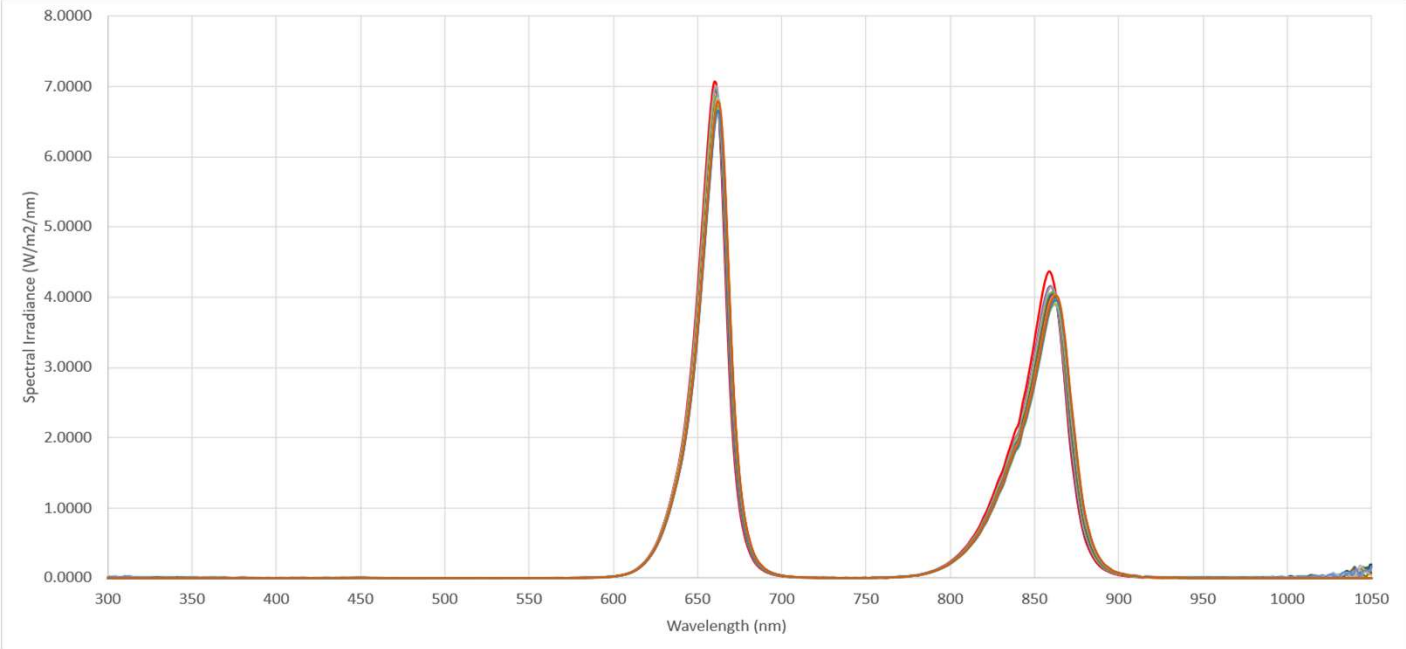
Summary Report Template V1-1

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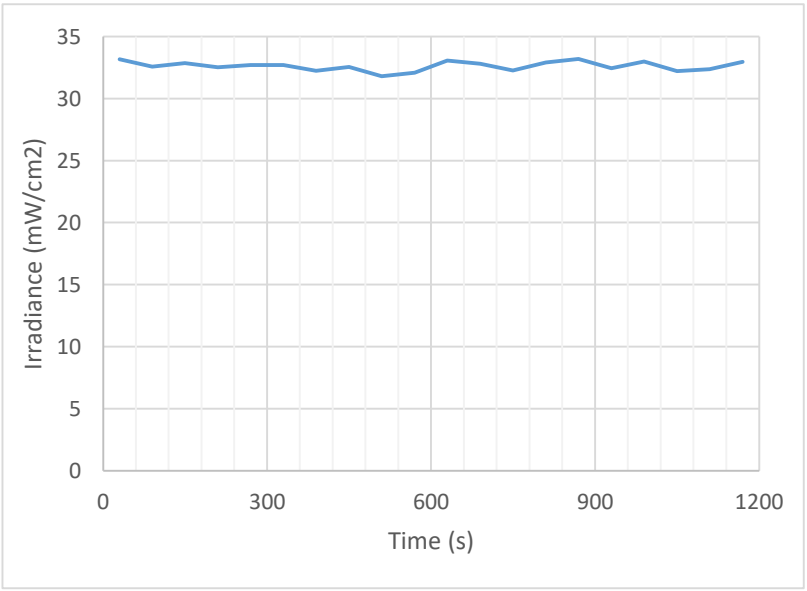
Summary of Test Results

LightLab International Allentown, LLC report number: LLIA002780-001

Stabilization from Power-On. Spectral Irradiance (300nm-1050nm) was measured in a central location at the height of the clear bed surface over a period of 20 minutes.



Time (s)	Irradiance (mW/cm2)	Time (s)	Irradiance (mW/cm2)
30	33.16	630	33.05
90	32.58	690	32.81
150	32.86	750	32.26
210	32.51	810	32.92
270	32.70	870	33.21
330	32.70	930	32.45
390	32.22	990	32.98
450	32.54	1050	32.20
510	31.81	1110	32.35
570	32.08	1170	32.97

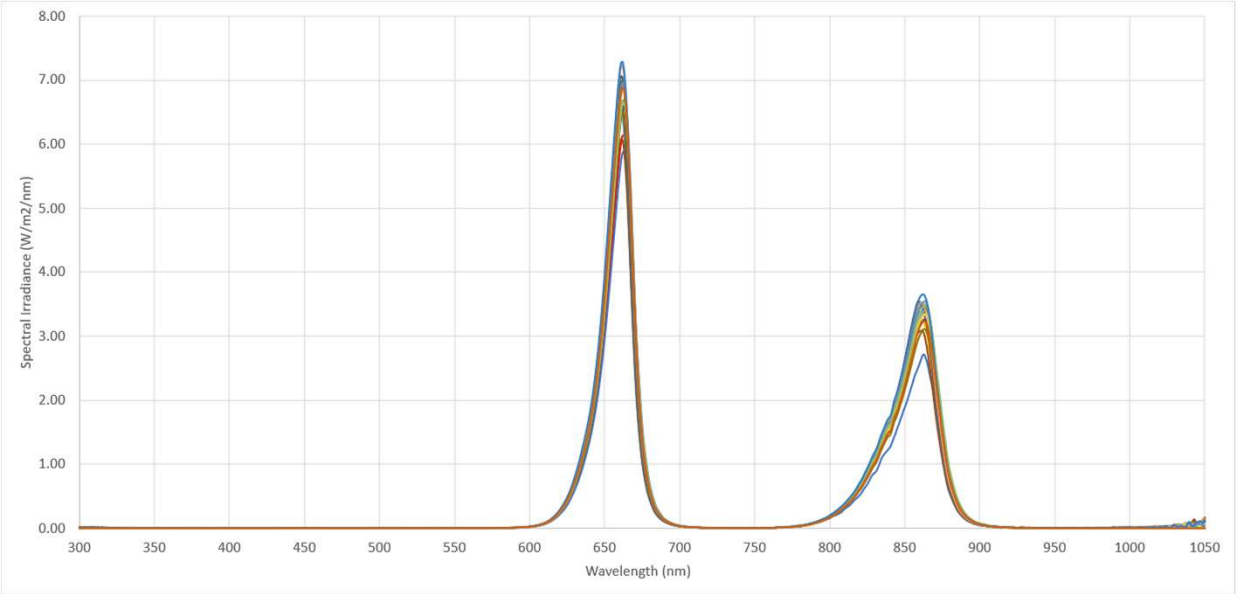


North America (issuing laboratory)
LightLab International Allentown, LLC
905 Harrison Street, Suite 135
Allentown, PA 18103 USA
Ph: +1 484-273-0705
Fx: +1 484-209-5779
www.lightlaballentown.com

Australasia & S.E. Asia
LightLab International
50 Redcliffe Gardens Drive
Clontarf - Queensland, 4019, Australia
Ph : +61 7 3283 7862
Fx : +61 7 3283 8751
www.lightlabint.com

LightLab International Allentown, LLC report number: LLIA002780-001

Spectral Irradiance (300nm-1050nm) was measured in 20 locations pointing down at the height of the clear bed surface to evaluate the irradiance from the bed LEDs on a person laying in the bed.



Irradiance Measurements (300-1050nm) (mW/cm2)				
28.40	29.44	29.79	28.88	26.36
30.52	30.87	27.68	29.72	29.12
30.07	31.50	31.30	32.04	30.70
30.62	31.76	30.89	32.95	30.08

Maximum: 32.04 mW/cm2
Minimum: 26.36 mW/cm2
Average: 29.76 mW/cm2

Note: Bed irradiance values were measured with the lid open, all channels on full.