

## Meet the Interns:

### WELCOME Amelia Jaffe and Valerie Owusu-Hienno!

Every year Lumencor is proud to take on high school interns for the summer to give them valuable work experience and include them in projects that aid them in honing their skills in areas that interest them. This year Lumencor is pleased to welcome Amelia Jaffe and Valerie Owusu-Hienno to assist in marketing tasks that will help strengthen the Lumencor brand!

Amelia will be a senior at Riverdale High School this fall. She is interested in computer science and enjoys programming for her robotics team. Her skills are being used for numerous marketing related tasks including updating Lumencor's website and creating an industrial applications webpage.



Amelia Jaffe



Valerie Owusu-Hienno

Valerie is an incoming Junior at the International School of Beaverton, and was connected to this internship through the Saturday Academy's apprenticeships in science and engineering program (ASE). Valerie has an interest in website development, and is using her skills to freshen up the Lumencor website.

Of course, given the circumstances of the COVID-19 pandemic, an internship in 2020 is a rather different experience from years past. However, both Valerie and Amelia have taken this in stride and have adapted well to the new realities of working-from-home and video conferencing. We are happy to have both of these talented interns onboard. Please check out our website to see the great work they have produced.

## NEW LiveChat Interface on Lumencor.com!

Have you visited the Lumencor website lately? If so, you may have noticed a new feature in the lower right hand corner of the page. Clicking the speech bubble icon will open the Welcome dialog. Fill in your contact information and press "Start the chat" to initiate a LiveChat with a member of our Technical Support team! If you have a spur-of-the moment question or need assistance with locating a resource on our website, answers are just two clicks away. We actively monitor LiveChat from Monday-Friday, 9AM-5PM Pacific Standard Time. At other times, you will have the option to leave us a message. For more detailed inquiries, please connect with Lumencor Technical Support by e-mail at [techsupport@lumencor.com](mailto:techsupport@lumencor.com) or by phone at 503.213.4269.



Welcome to LiveChat

Welcome to our LiveChat! Please fill in the form below before starting the chat.

Name (first, last): \*

Please fill in required fields.

E-mail: \*

Please fill in required fields.

Affiliation: \*

Phone Number: \*

Start the chat

Powered by LiveChat



light engines for a

**BRIGHTER.** GREENER. PLANET.

## Recommended Operating Conditions for CELESTA, SPECTRA and ZIVA Light Engines®

To support the long-term stability of the laser light sources in CELESTA, SPECTRA and ZIVA light engines it is recommended that they should be operated only in environments where the dew point is below 15°C. For reference, at a typical room temperature of 24°C, a dew point of 15°C corresponds to 57% humidity. The current dew point inside the light engine, calculated from onboard temperature and humidity sensors, is displayed on the settings page of the onboard control GUI.

Standby Mode, previously described in the October 2019 issue of Light Reading, is another control system designed to support the long-term stability of the laser light sources. Consequently, users writing their own light engine control software are strongly advised to NOT programmatically disable standby mode.

If operational situations arise where it is necessary to avoid the onset of standby mode during a data acquisition process, please contact [techsupport@lumencor.com](mailto:techsupport@lumencor.com). We will be happy to work with you and our software engineering team to devise appropriate solutions.

Spectra III 8-LCR-VH  
ver 3.1.15

System info Back

model: Spectra III 8-LCR-VH  
PCBA: 25-10343A  
engine status: 0 (OK)  
fan status: 1 (Fan On / Low speed)  
interlock status: OK (interlock inactive)  
TEC status: OK  
governor status: ON  
front switch: -  
foot switch: -  
part number: 80-10245  
serial number: 16  
temperature: 25.24m 52s  
humidity: 25.2 %  
dew point: 3.9 °C  
supply power: 9.9 W  
error limit: 210.0

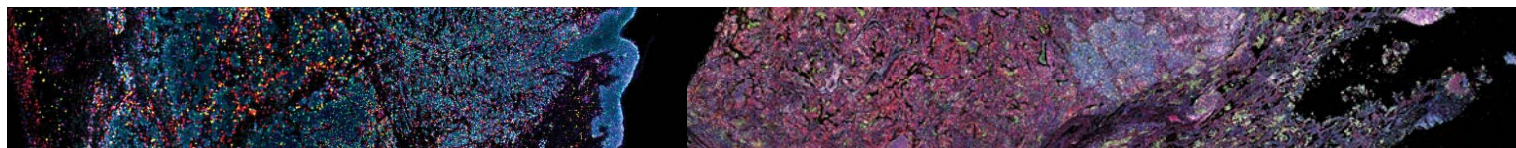
System configuration

USB 5V:	Enabled	Disabled
TTL inputs:	Enabled	Disabled
TTL polarity:	Positive	Negative

Active dew point display in SPECTRA III Light Engine Control GUI

## Certified Used Light Engines for Sale

Lumencor maintains a fleet of light engines that are constantly in high demand for customer demonstrations. As we update the fleet with newer models, there is the opportunity to offer some of the earlier models for sale. For a listing of currently available used light engines, please visit the [Certified Used Light Engine Landing Page](#) on our website. These light engines are in good condition with less than 1000 hours of use, and are offered at substantial discounts relative to the same model in new condition. They receive full quality control and testing prior to shipment and are accompanied by a certificate of conformance documenting their current performance benchmarks. To request a quotation for a used light engine, please submit a quote request form via the links on the Used Light Engine Landing Page.



Learn more at [www.lumencor.com](http://www.lumencor.com)