

# UNILIGHT

**UNIFORM IRRADIATION NEVER  
LOOKED SO SIMPLE!**

Uniform Irradiation Area

High Power Illumination to Your Sample

Irradiation Power and Duration Control

Local/Remote Intensity Controller

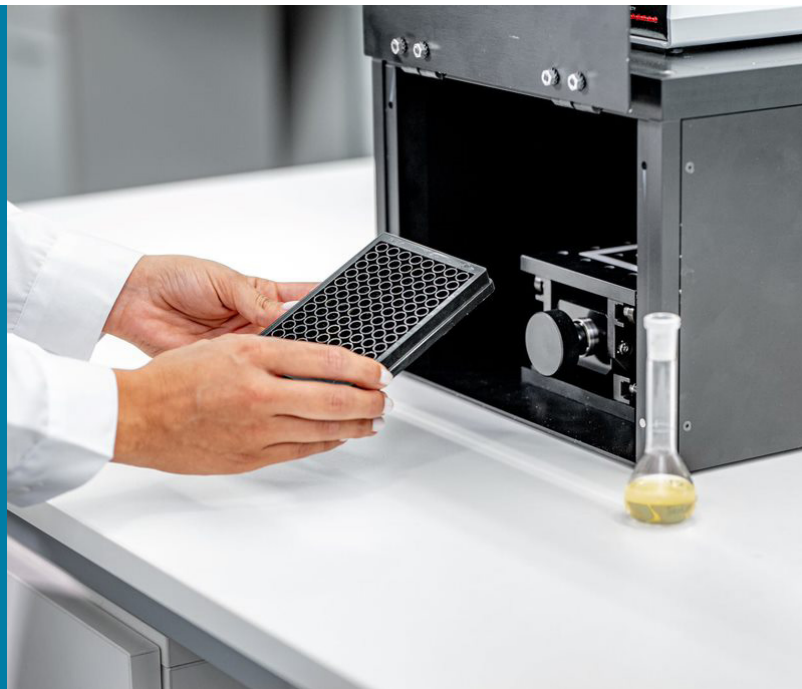
User-Interchangeable LED System

Light Source Controller Software Included



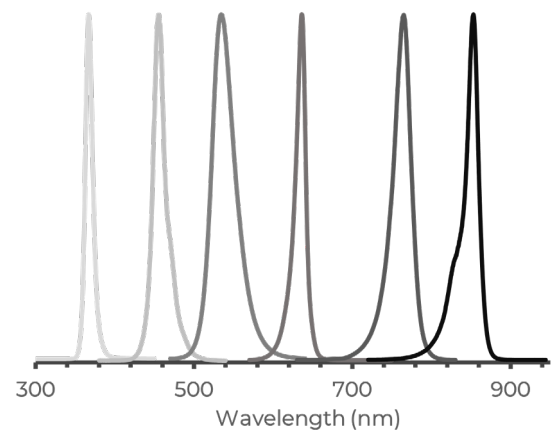
## GET UNIFORM IRRADIATION ON YOUR SAMPLE

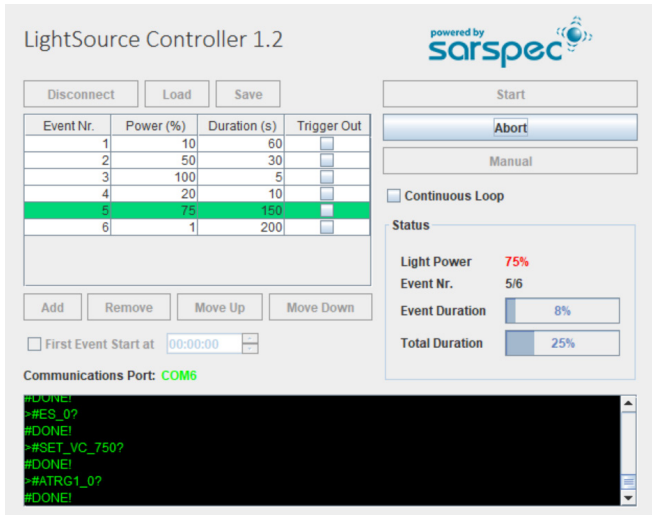
The way how the LED system is distributed on the irradiation board of the UniLight, provides a uniform irradiation, higher than 95%, for an area of 12 x 8 cm. This feature allows your sample gets the same amount of light over the entire area or multiple samples get the same power simultaneously.



## A FLEXIBLE WAVELENGTH SELECTION

The UniLight provides a great flexibility regarding the wavelength range for irradiation and user-interchangeable LED board system. Sarspec offers more than 40 LEDs with different wavelengths, covering from 265 to 1550 nm, that can be installed LED board system.





## CONTROL THE POWER AND DURATION OF THE IRRADIATION

The Controller Box provides manual control of the LED system irradiation power. By connecting the Controller Box to a PC through a USB cable, UniLight can be remotely controlled with the Light Controller software for the power, duration, triggering functions and illumination power, and duration events according to the application.

## Specifications Table

### Operational Range

265-1550 nm (divided in more than 40 LEDs)

### Irradiation Power

up to 30 mW/cm<sup>2</sup> (LED Dependant)

### Sample Distance to Source

adjustable (best at 5 cm)

### Power Control

Yes, manually and via software

### Software

Lightsource Controller (included)

### Trigger

In / Out

### Dimensions

30 cm (L) x 30 cm (D) x 26.5 cm (H)

### Weight

7.5 Kg

## Order Information

### Description

Unilight system for Wavelength XXX

Additional LED Board with Wavelength XXX

### Part Number

UNILIGHT-XXX

B-UNILIGHT-XXX

## CONTACTS



(+351) 223 709 107



www.sarspec.com



info@sarspec.com