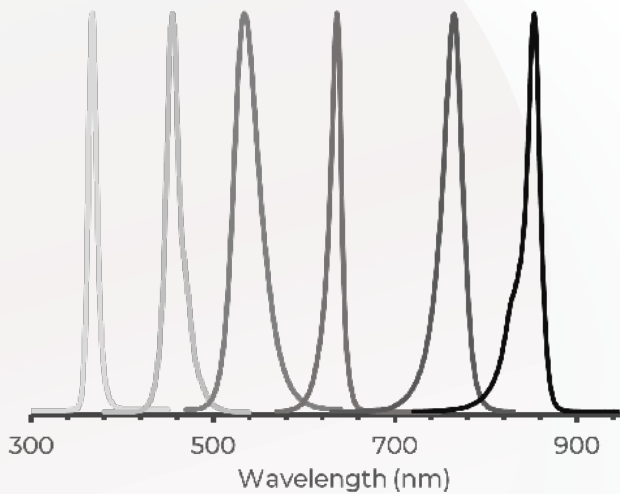# UniLight

UNIFORM IRRADIATION NEVER LOOKED SO SIMPLE!

- *Uniform Irradiation Area*
- *High Power Illumintaion to Your Sample*
- *Irradiation Power and Duration Control*
- *Local/Remote Intensity Controller*
- *User-Interchangeable LED System*
- *LightSource Controller Software*

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 to get the same amount of light over the entire area or multiple samples get the same power simultaneously.
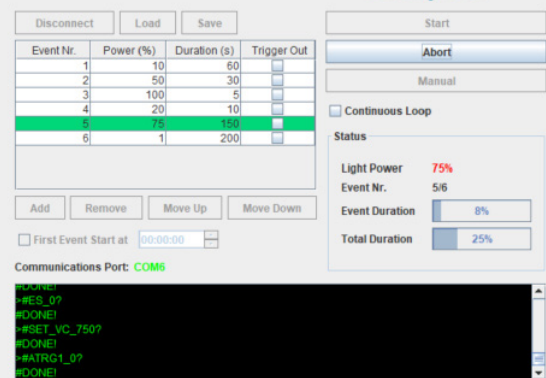
A FLEXIBLE WAVELENGHT SELECTION

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 in the 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 LightSource Controller software for the power, duration, triggering functions and illumination power, and duration events according to the application.

Technical Specifications

Parameter	Value
Operational Range	265-1550 nm (divided in more than 40 LEDs)
Irradiation Power	up to 30 mW/cm2 (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

Ordering Information

Description	Reference
Unilight system for Wavelength XXX	UNILIGHT-XXX
Additional LED Board with Wavelength XXX	B-UNILIGHT-XXX