

LS-LED

LED LIGHT SOURCE

- *UV-Visible-NIR Spectral Range*
- *Interchangeable High Power LEDs*
- *Adjustable Power Output*
- *Optical Fiber Connector*
- *Innovative Slide Concept*
- *Remote Control with SPEC Hub*
- *Narrow Emission Wavelength Band*



HIGH POWER EXCITATION

LED is the perfect light source to use in fluorescence measurements. In order to maximize the sensitivity, Sarspec supplies high-efficiency LEDs from 255 to 1550 nm with full control of the light intensity.

EASY INTEGRATION AND OPERATION

The advanced electronics allows the LS-LED to be operated in continuous, pulsed and modulated modes. Trigger functions makes this solution for integration in your experiment. Complete it with our SPEC Hub and control all via software.

JUST SLIDE... AND WORK WITH THE WAVELENGTH YOU NEED!

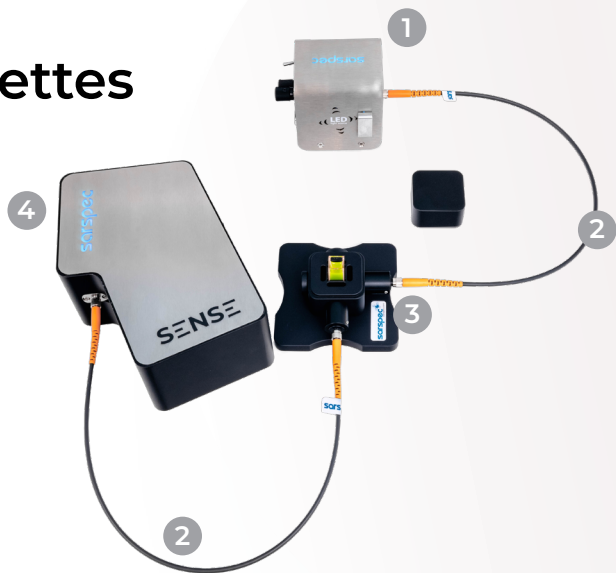


A innovative and creative solution for an easy and fast change between different LEDs. You only need to choose the ideal wavelength and insert the LED slide into the slot holder on the side of LS-LED. Simple as that!

Fluorescence with Cuvettes

Setup Example

- 1 LS-LED
- 2 Optical Fibers
- 3 Multipurpose Cuvette Holder
- 4 SENSE Spectrometer



Specifications Table

Parameter	Value
Wavelength Range	255-1550nm
Optical power	500 μ W - 750 mW (in a continuous wave)
Operation modes	Continuous (CW), Int. Pulsed, Ext. Pulsed and Ext. Modulated
Intensity control	Adjustable local knob or remotely
Tigger Out / In	Yes / Yes
Optical fiber connector	SMA 905
Power Consumption (max.)	7 W
Power Requirements	9 VDC/ 2 ADC
Dimensions	95 (L) x 74 (W) x 80 (H) mm
Weight	650 g

Order Information

Description	Part Number
LED light source (Requires one slide LED-X)	LS-LED
LED-X, where X is the LED wavelength	LED-X
SPEC Hub for optional remote control (cable included)	HUB-LS

