

LS-LED

Led Light Source

UV-Vis-NIR Spectral Range

Interchangeable High Power LEDs

Adjustable Power Output

SMA Optical Fiber Connector

Innovative Slide Concept

Remote Control with SPEC Hub

Narrow Emission Wavelength Band



HIGH POWER EXCITATION

LED light source is perfect 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 make this solution for integration in your experiment. Complete it with our SPEC Hub and control all via software.

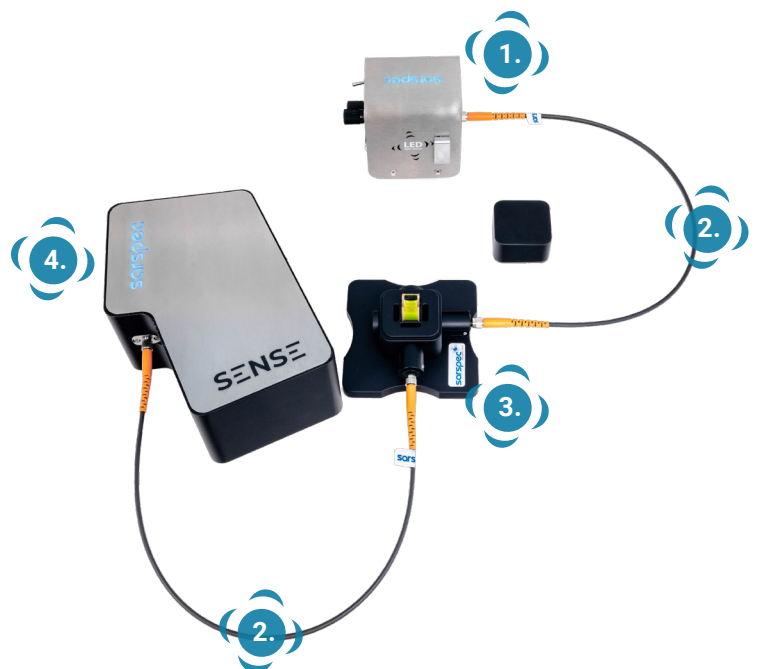
JUST SLIDE... AND WORK WITH THE WAVELENGTH YOU NEED!

An 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. LED Light Source
2. Optical Fibers
3. Multipurpose Cuvette Holder
4. SENSE Spectrometer



Specifications Table

Wavelength Range	Optical Power	Operation modes
255-1500nm	500 μ W - 750 mW (in a continuous wave)	Continuous (CW), Int. Pulsed, Ext. Pulsed and Ext. Modulated
Intensity control	Tigger Out / In	Optical fiber connector
Adjustable local knob or remotely	Yes / Yes	SMA 905
Power Consumption (max.)	Power Requirements	Dimensions
7W	9 VDC/ 2 ADC	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 LED Remote Control (cable included)	HUB-LED

CONTACTS



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