



Principle	Linear CMOS detector, directive measurement via optical fiber (~25° FOV)
Spectral range	350 – 800 nm
Resolution	Sensor: 1024 pixel / FWHM: 6nm
Integration Time	10 µsec. – 10sec.
Control System	Software based control (LE7, CAL1, iQ-LED API, or camSPECS express control software)
Warm up time	It is recommended to warm up the spectrometer for min. 5 minutes
System requirements	Windows 7 operating system (or higher) / USB port / Image Engineering control software
Calibration	NIST traceable calibrated It is recommended to recalibrate the EX1 once a year, regardless of the operating hours
Power supply	5 V via USB
Dimension	30 x 65 x 160 mm
Weight	150 g
Delivery includes	NIST traceable calibrated EX1 external measure device, USB cable