

## Model: LE-1x-C Fiber coupled LED source

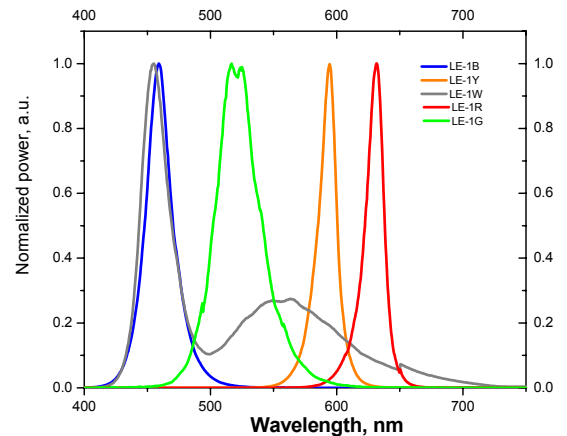
### Key features:

- Compact, multi-mode fiber coupled LED source
- Enhanced output power and spectral stability
- Source is plug\_and\_play. Built-in drivers and air cooling
- Power regulation and remote on/off control
- Robust design, good reliability



LE-1x-C is a stable, multi-mode fiber-coupled LED source, operating within visible spectra wavelengths. Source has front panel knob for power control and can be remotely switched on/off. Source is designed for different laboratory and industrial applications (spectroscopy, optical sensing, OCT, inspection etc.). The output optical power is up to 10 to 25 mW depending on the wavelength.

Description	Min	Typical	Max	Unit
Operating wavelength	~430, ~465, ~505-530, ~585. ~630-650 nm, "white"			nm
Spectral width (BW @ 3dB)	14	30	50	nm
Output power	8	12	25*	mW
Long-term operating wavelength drift	±1.5	±3.0	±4.5	nm
Dimensions	~ 170×80 x 45			mm
Output power stability	0.01	0.05	0.1	dB
Remote ON/Off control repetition rate	0	1	2	kHz
Connector type	FC (SMA)			
Fiber core size	POF 980/1000			um
Operating temperature	10	25	45	°C



\* Higher power devices can be manufactured on request. Please contact WT&T for direct modulation option.

### Optional components:

- Built- in power monitor
- Extension patch cords
- Mounting base
- Fiber U-bench
- Optical fiber collimator

Please contact WT&T sales@wttechnology.com for further details.

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