

Model: LE-1xxx Three-channel fiber coupled LED source

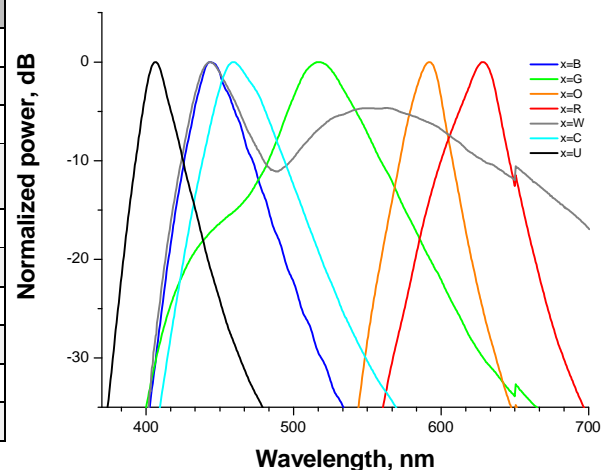
Key features:

- Compact, multi-mode fiber coupled LED source
- Three LED sources in one module
- Independent output power and remote “ON/OFF” controls
- Good power and spectral stability
- Source is plug_and_play. Built-in drivers and air cooling
- Robust design, good reliability



LE-1xxx is a compact, multi-mode fiber-coupled triple LED source, operating within visible spectra wavelengths. Source is designed for different laboratory and industrial applications (spectroscopy, optical sensing, OCT, inspection etc.). Independent control of each channel output power and remote “ON/OFF” control. The optical power is up to 10 mW per channel.

Description	Min	Typical	Max	Unit
Operating wavelength*	405 to 650			nm
Spectral width (BW @ 3dB)	14	30	50	nm
Output power	2	8	10**	mW
Long-term operating wavelength drift,	±1.5	±3.0	±4.5	nm
Dimensions	190x165x60			mm
Output power stability	0.01	0.05	0.1	dB
Number of outputs	3			
Connector type	FC/PC or SMA			
Fiber core size	~0.98, POF			mm
Operating temperature	15	25	35	°C



* x -defines central wavelength for each channel (see available optical spectra for reference)

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

Optional components:

- Optical fiber collimators
- Extension fiber patch cords. Optical fiber combiner
- Micro-lensed optical fiber pigtailed
- Fiber U-bench
- FC/APC connectorized broadband fiber-reflector

X=	Central wavelength, nm
-U	398-406
-B	450-468
-G	515-535
-A	585-595
-R	640-660
-W	“white”

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

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