Model: LE-1xx   Two-channel fiber coupled LED source

Key features:

- *Compact*, multi-mode fiber coupled LED source
- Two 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-1xx is a compact, multi-mode fiber-coupled dual 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		250x170x60		mm
Output power stability	0.01	0.05	0.1	dB
Number of outputs		2		
Connector type		FC/PC or SMA		
Fiber core size		~0.98, POF		mm
Operating temperature	15	25	35	^{o}C
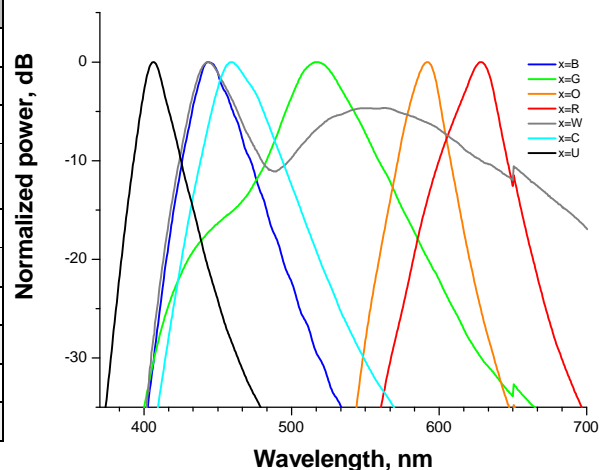
*x -*defines central wavelength for each channel (see available optical spectra for reference)*
*****higher power devices can be manufactured on request.* Please contact WT&T for direct modulation option.

Optional components:

- Optical fiber collimators
- Extension fiber patch cords. Optical fiber combiner
- Micro-lensed optical fiber pigtails
- 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"