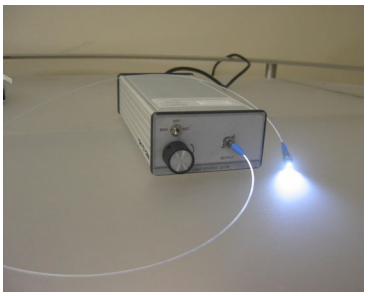
Model: LE-1x Fiber coupled LED source

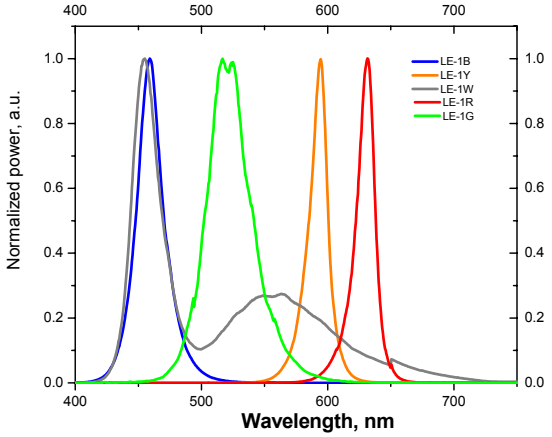
Key features:



- Multi-mode fiber coupled LED source
- Good power and spectral stability
- Source is plug_and_play. Built-in drivers and air cooling
- Robust design, good reliability

LE-1x is a stable, multi-mode fiber-coupled LED source, operating within visible spectra wavelengths. Source is designed for different laboratory and industrial applications (spectroscopy, optical sensing, OCT, inspection etc.). The output optical power is up to 8 mW.

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	2	5	8*	mW
Long-term operating wavelength drift,	±1.5	±3.0	±4.5	nm
Dimensions	~ 170×105 x 55			mm
Output power stability	0.01	0.05	0.1	dB
Power consumption	5	7	10	VA
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.
On request, device can be assembled with internal power monitoring sensor (photo-resistor).

Optional components:

- Different central wavelengths of LED's
- Remote "On/Off" control input
- Fiber U-bench
- Analog modulation 0 - 0.1MHz per channel
- RF modulation option, up to 40 - 60 MHz (depending on wavelength)
- Extension patch cords
- Optical fiber collimator
- Mounting base

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