



Fiber-Coupled Wideband Light Sources

The MiniLite™ Series

BaySpec's *MiniLite™* Series fiber-coupled Wideband Light Sources are designed to enhance Spectral Domain OCT, Medical Imaging, Fiber Optic Sensing, Analytical Spectroscopy, and Test & Measurement capabilities in the 800nm-1650 nm wavelength region. Devices benefit from low-cost field proven telecommunication components.

Key Features:

- Fiber optic coupled, wide spectral coverage
- Compact size with 5V wall power plug-and-play
- Solid state light source, reliable operation in harsh environments
- Operates over wide 0 to +70°C temperature range
- Operates in high +85% relative humidity environments
- Covers wavelength ranges from 800-1650 nm



Card-mount option



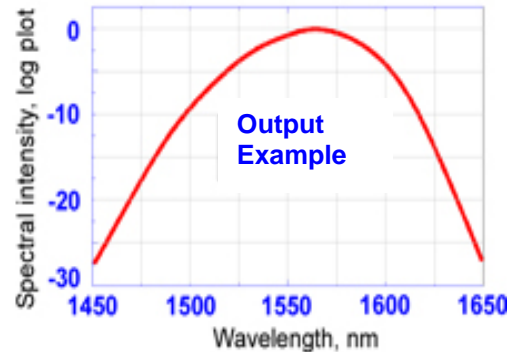
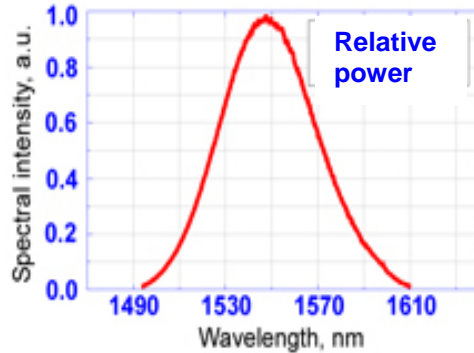
Bench-top option

Specifications:	Data	Unit
Wavelength Range	800-1650nm	nm
Spectral Width	Typical 100 nm in a single source; specify combined source for wider coverage	nm
Output power	Up to 30	mW
Output power stability	+/-0.001 dB after 10 min warm-up	
Operating temperature	10 to 70	°C
Total Power Consumption	Typically 2	W
Temperature Control	un-cooled or TE cooled	
Size	Card-mount: 100 x 70 x 12 mm ³ Bench-top: 212 x 88 x 203 mm ³	mm ³

Specifications are subject to change without notice

Applications

- Spectral OCT
- Medical Diagnostics
- Fiber Optic Sensing
- NIR Spectroscopy
- T&M Source
- Laboratory Source



Ordering Information

MWLS -

Code	Enclosure Type	Code	Center λ	Code	Bandwidth	Code	Fiber Type	Code	Connector Type
C	Card-mount	Please specify the center wavelength i.e. :		050	50 nm	SM	Single mode	NC	No Connector
B	Bench-top	0850	850.00 nm	120	120 nm	MM	Multi-mode	FA	FC/APC
		1310	1310.00 nm	xxx	Specify	xx	Custom	FP	PC/PC
		1550	1550.00 nm					LA	LC/APC
		xxxx	specify					LP	LC/PC
								SA	SC/APC
								SP	SC/PC
								xy	Custom

Std fiber length: 1m ±0.1m