

BaySpec's *MiniLite*® Series fiber-coupled Wideband Light Sources are designed to enhance Spectral Domain Optical Coherence Tomography(OCT), Medical Imaging, Fiber Optic Sensing, Analytical Spectroscopy, and Test & Measurement capabilities in the 650nm-1690 nm wavelength region. Devices benefit from low-cost field proven telecommunication components.



Card-mount option with Heat-sink

Key Features:

- Fiber optic coupled, wide spectral coverage
- Compact size, ready for OEM integration
- 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 650-1690 nm

Applications:

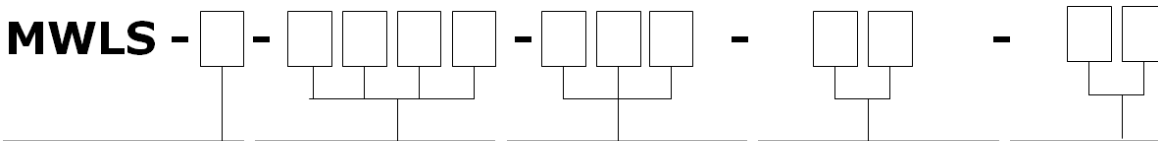
- Spectral Domain OCT
- Fiber Optic Sensing
- NIR Spectroscopy
- T&M Source
- Laboratory Source
- Medical Diagnostics



Bench-top option

Specifications:	Data	Unit
Wavelength Range	650-1690nm (user selection)	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	+/-0.01 dB after 10 min warm-up	
Operating temperature	0 to 70	°C
Total Power Consumption	< 5 Max.	W
Temperature Control	un-cooled or TE cooled	
Size	Card-mount: 80 x 80 x 43 mm ³ Bench-top: 212 x 88 x 203 mm ³	mm ³

Part Number Selection:



Code	Enclosure Type	Code	Center λ	Code	FWHM	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									

