

850nmSLD 宽带光源 Broadband Light Source



Description:

The QINGLONG series 850/860/840nm SLED Broadband Light Source, Central wavelength 850±20 nm, -3dB spectrum width ≥ 40 nm, Output power ≥4 mW. Other Central wavelengths available like 840 nm, 880 nm, etc. OEM model is well available on customer's special request.

Applications:

Optical fiber sensing
Optical fiber passive component spectrum testing
Optical fiber grating, filter testing
Optical fiber measurement equipments

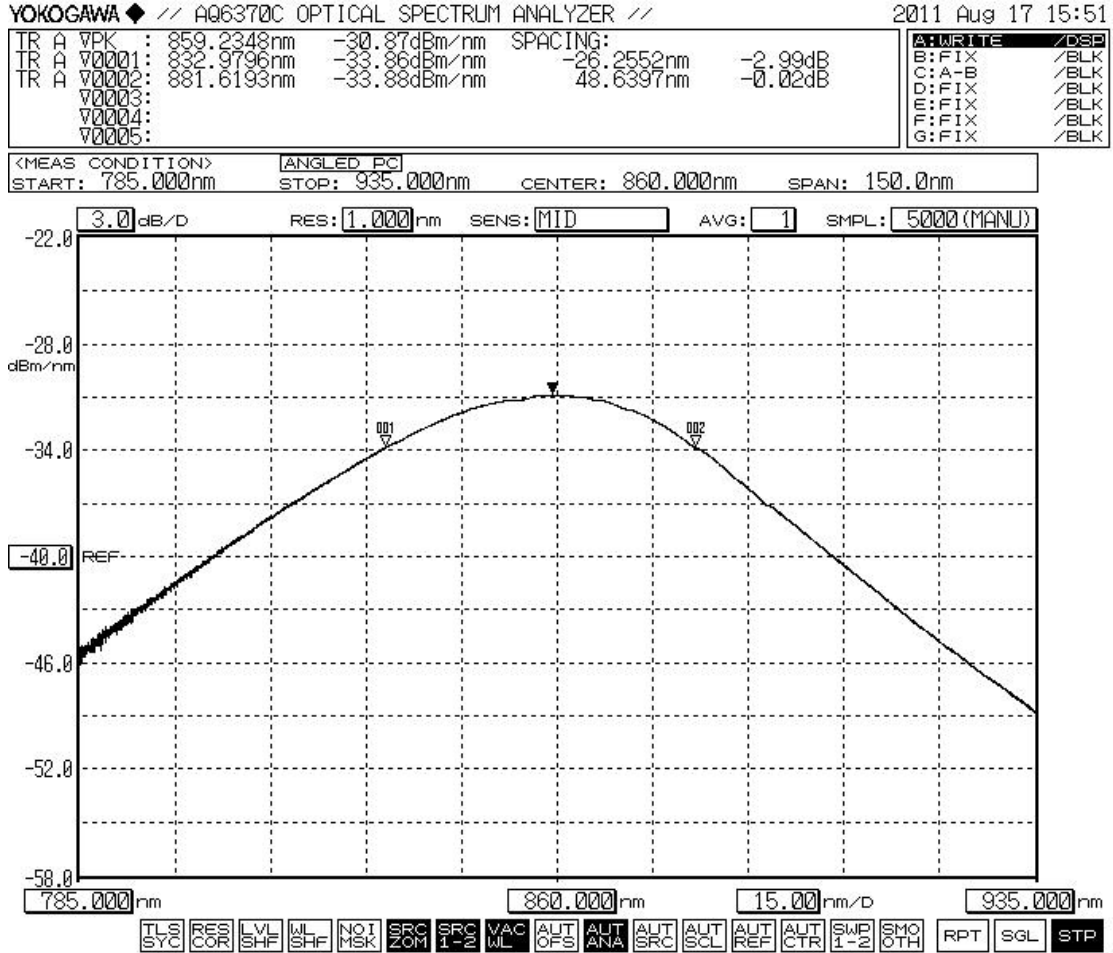
Features:

Selected wavelength
High spectral stability
Broadband light source

Parameters	Unit	
Radiation source	-	QINGLONG-SLED-850-P-PW-SP
Central wavelength	nm	850 ± 20
-3dB spectral width	nm	≥ 40
Output power	mW	≥ 4
Spectral density stability	dB	≤ ±0.05dB/15 min
Output power short-term stability	dB	≤ ±0.01dB/15 min
Output power long-term stability	dB	≤ ±0.03dB/8 hour
Operating mode	-	CW(external modulation is optional)
Fiber pigtail	-	Single mode SMF-28
Output connector	-	FC/UPC or FC/APC, etc
Operating temperature	°C	0 ~ 40
Storage temperature	°C	-20 ~ 70
Power supply	-	AC 110/220V ± 10%, 50Hz, 20W
Dimensions (L×W×H)	mm	90×70×19 Module; 320×220×90 Benchtop

Remark: Stability is tested at room temperature $25 \pm 2^\circ\text{C}$ after pre-heating 30 minutes.

1. Test condition: fixed temperature, CW.
2. Test condition: temperature variation $\pm 2^\circ\text{C}$, CW.



Order Information:

QINGLONG-SLED-850-P-PW-SP

P:Package, B-Benchtop, M-Module

PW: Output power in mW, example:1-1mW, 4-4mW

SP: Feedback protection, 0-None, 1-Yes