



上海量青光电技术有限公司

850nmSLD 宽带光源 Broadband Light Source



Description:

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	-	LQ-SLED-850-P-PW-SP
Central wavelength	nm	850 ± 20
-3dB spectral width	nm	≥ 40
Output power	mW	≥ 4
Spectral density stability	dB	$\leq \pm 0.05\text{dB}/15$ min
Output power short-term stability	dB	$\leq \pm 0.01\text{dB}/15$ min
Output power long-term stability	dB	$\leq \pm 0.03\text{dB}/8$ hour
Operating mode	-	CW(external modulation is optional)
Fiber pigtail	-	Single mode SMF-28
Output connector	-	FC/UPC or FC/APC, etc
Operating temperature	$^{\circ}\text{C}$	0 ~ 40
Storage temperature	$^{\circ}\text{C}$	-20 ~ 70
Power supply	-	AC 110/220V $\pm 10\%$, 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.

总机: **021-64778883**

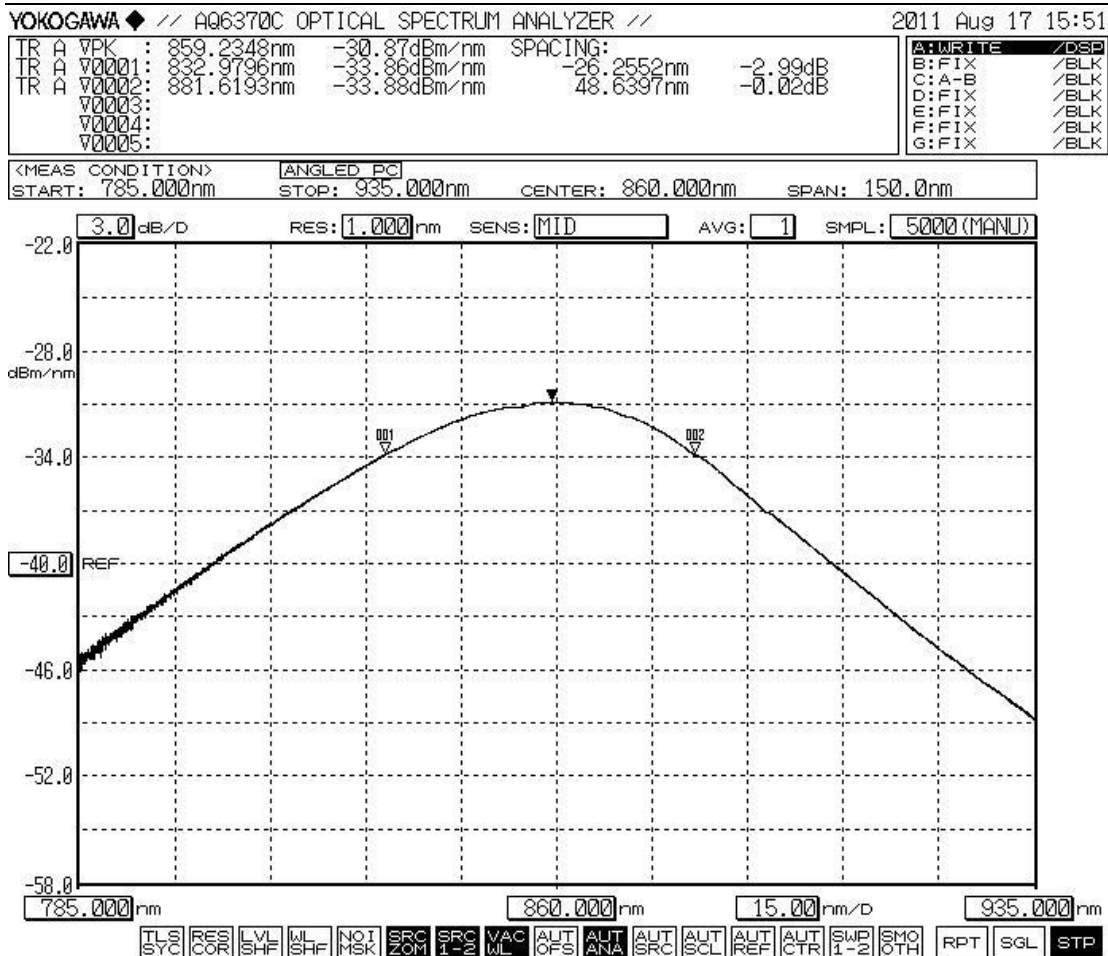
邮箱: **sales@qoptronics.com**

官网: **www.qoptronics.com**

地址: 上海市浦东新区张江高科技园区张江路 **655** 号德宏大厦 **302** 室



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Order Information:

LQ-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

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地址: 上海市浦东新区张江高科技园区张江路 655 号德宏大厦 302 室