



# 上海量青光电技术有限公司

## 1650nmSLD 宽带光源 Broadband Light Source



### Description:

1650nm SLED Broadband Light Source, Central wavelength  $1650 \pm 10$  nm, -3dB spectrum width  $\geq 50$  nm, Output power 2, 10 mW, etc. Ripple  $\leq 0.2$  dB. 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, DWDM  
Optical fiber measurement equipments

### Features:

High output power  
High stability  
Broadband spectrum output

Parameters	Unit	
Part No.	-	LQ-SLED-1650-P-PW-SP
Central wavelength	nm	$1650 \pm 10$
-3dB Spectral width	nm	$\geq 50$ , etc
Output power	mW	1, 10, etc
Ripple	dB	$\leq 0.2$
Output power short-term stability	dB	$\leq \pm 0.01$ dB/15 min
Output power long-term stability	dB	$\leq \pm 0.03$ dB/8 hour
Operating mode	-	CW
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**

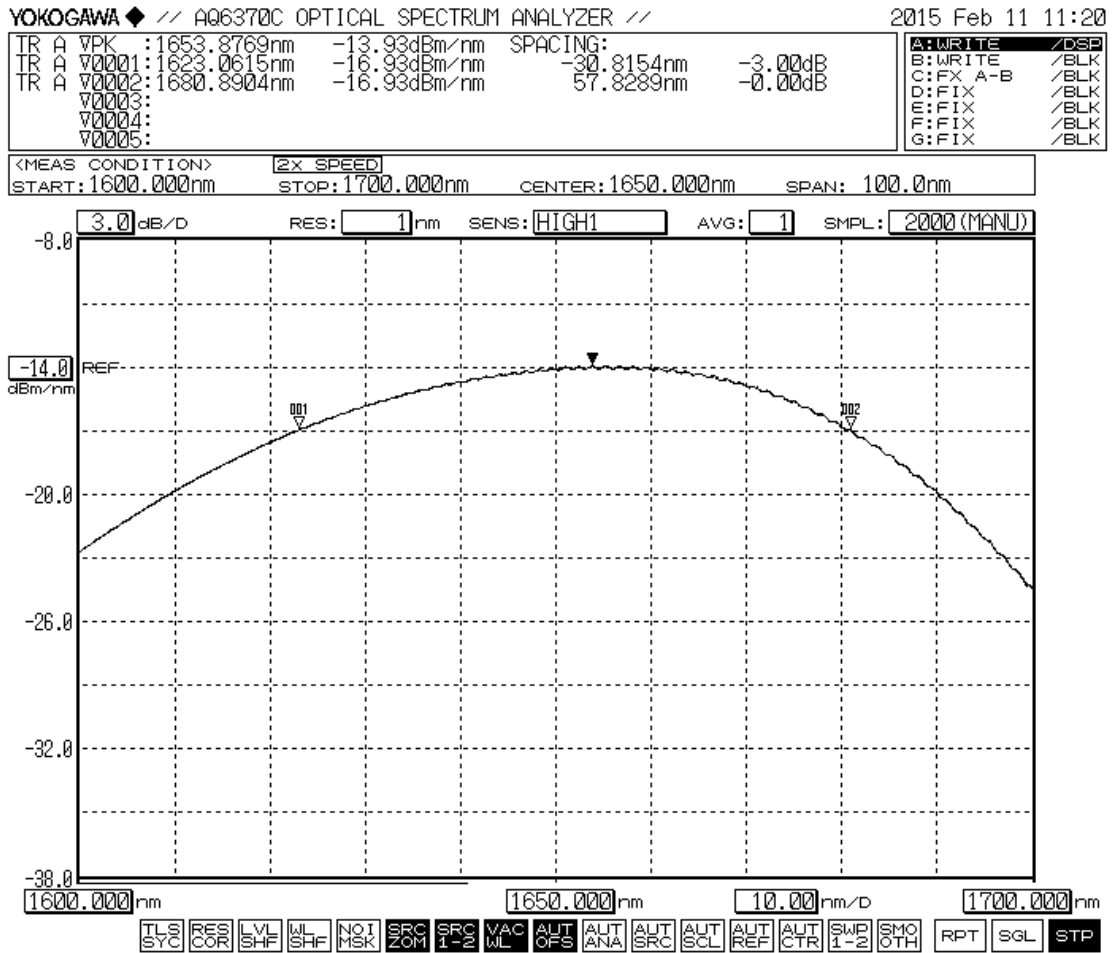
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## Order Information:

LQ-SLED-1650-P-PW-SP

P:Package, B-Benchtop, M-Module

PW: Output power in mW, example:1-1mW ,5-5mW,10-10mW,etc

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

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