QPHOTONICS, LLC

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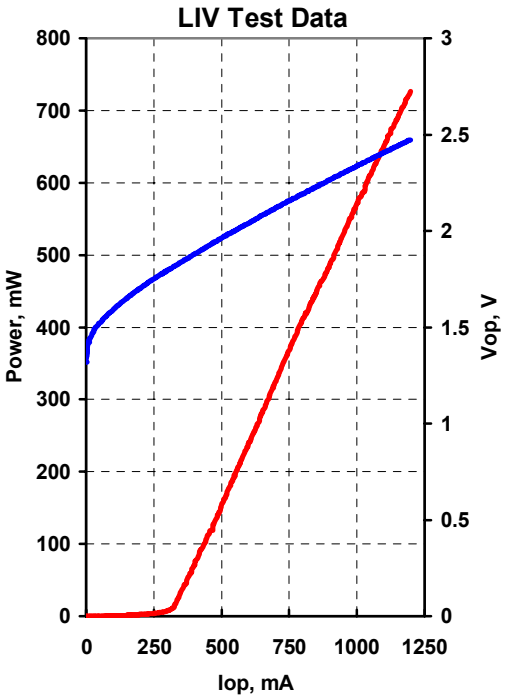
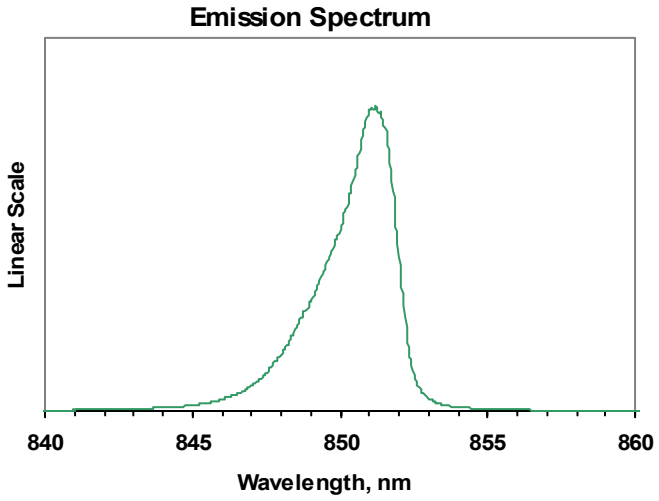
MODEL	QLD-850-100S
PART NUMBER	SAMPLE

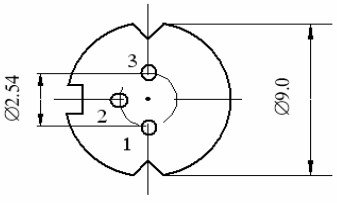
Parameter	Value	Units
Internal Temperature	25	°C
Optical Output Power	500	mW
Threshold Current	280	mA
Operating Current	925	mA
Operating Voltage	2.29	V
Monitor Current	5.9	mA
Monitor Dark Current	0	nA
Center Wavelength	850	nm
Spectral Width	2	nm



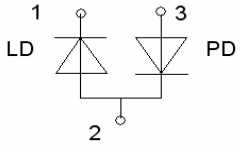


NOTE

This type of laser diodes must be used with temperature controlled mount.



Pin	Connection
1	LD Cathode
2	LD Anode, PD Cathode
3	PD Anode



BOTTOM VIEW

Operator	HS
Date	8/16/2004