



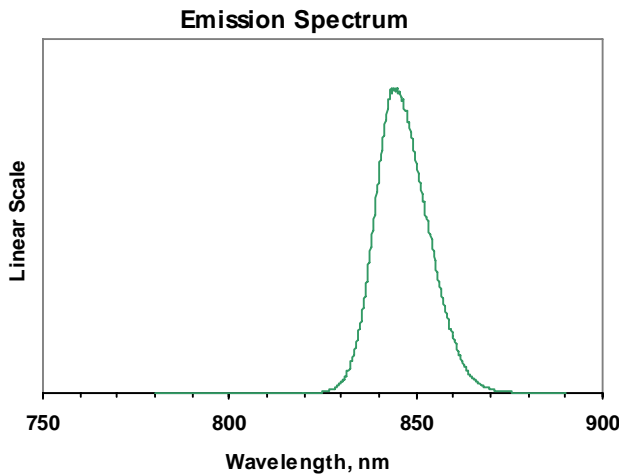
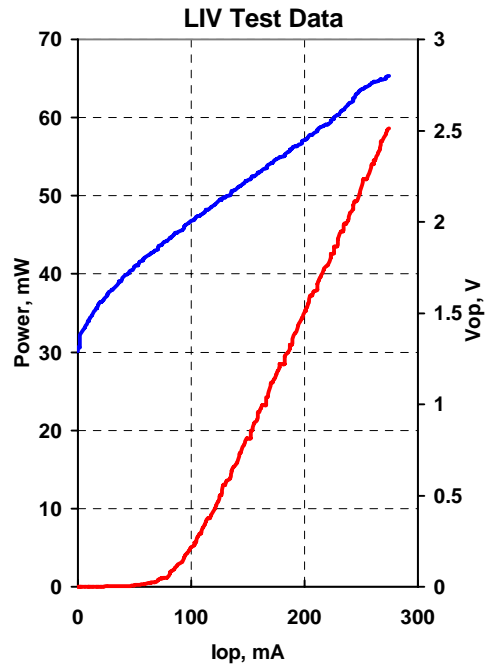
QPHOTONICS, LLC

3830 Packard Road,
Suite 280,
Ann Arbor, MI 48108,
USA

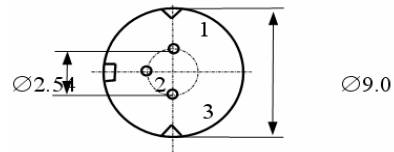
Phone: 734-477-0133
Fax: 734-477-0166
Email: info@qphotonics.com
http://www.qphotonics.com

MODEL	QSDM-840-40
PART NUMBER	SAMPLE

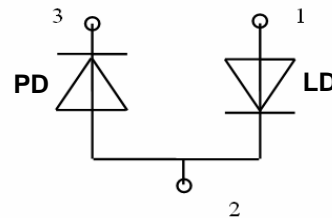
Parameter	Value	Units
Case Temperature	25	°C
Optical Output Power	40	mW
Threshold Current	-	mA
Operating Current	215	mA
Operating Voltage	2.53	V
Monitor Current	2.52	mA
Monitor Dark Current	0	nA
Center Wavelength	847	nm
Spectral Width @ 1nm resolu	15.94	nm
Ripples @ 0.2 nm resolu	3	%



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



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



BOTTOM VIEW

Operator	W
Date	6/27/2008