



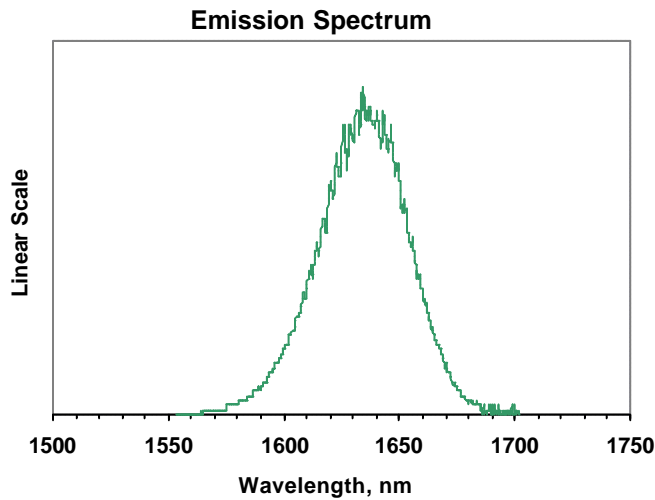
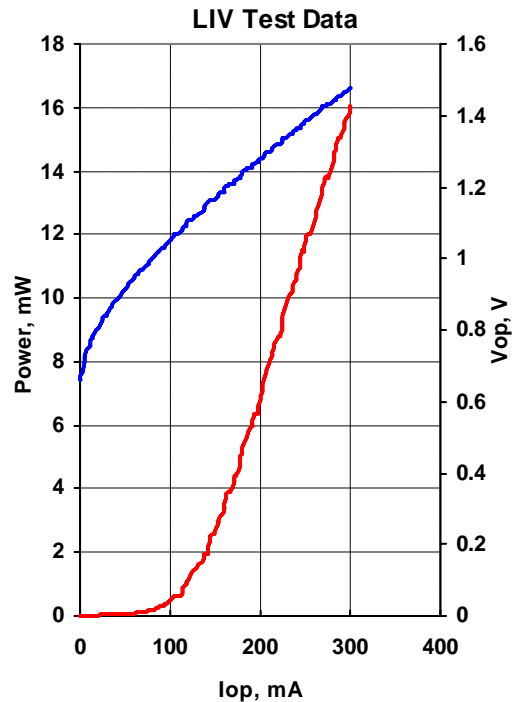
QPHOTONICS, LLC

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Ann Arbor, MI 48108,
USA

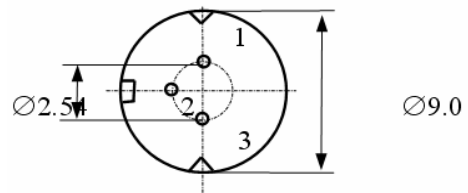
Phone: 734-477-0133
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Email: info@qphotonics.com
http://www.qphotonics.com

MODEL	QSDM-1650-9
PART NUMBER	SAMPLE

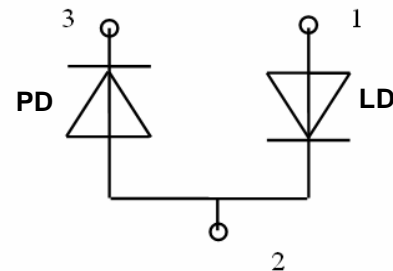
Parameter	Value	Units
Case Temperature	25	°C
Optical Output Power	10	mW
Threshold Current	-	mA
Operating Current	235	mA
Operating Voltage	1.35	V
Monitor Current	0.57	mA
Monitor Dark Current	0	nA
Center Wavelength	1639	nm
Spectral Width @ 1nm resolu	39	nm
Ripples @ 0.2 nm resolu	9	%



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	NA
Date	8/24/2007