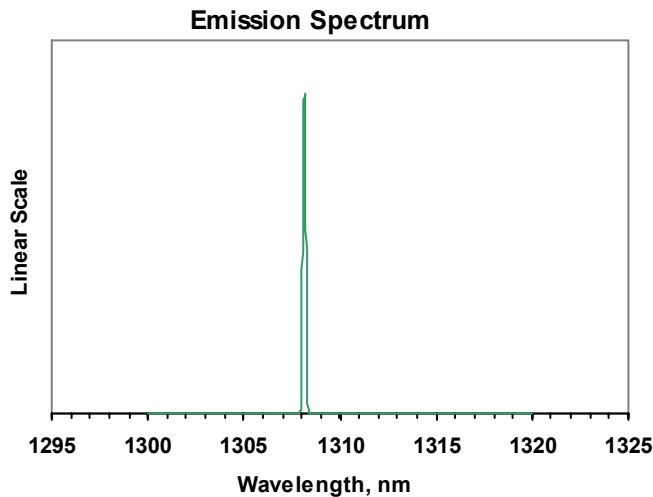
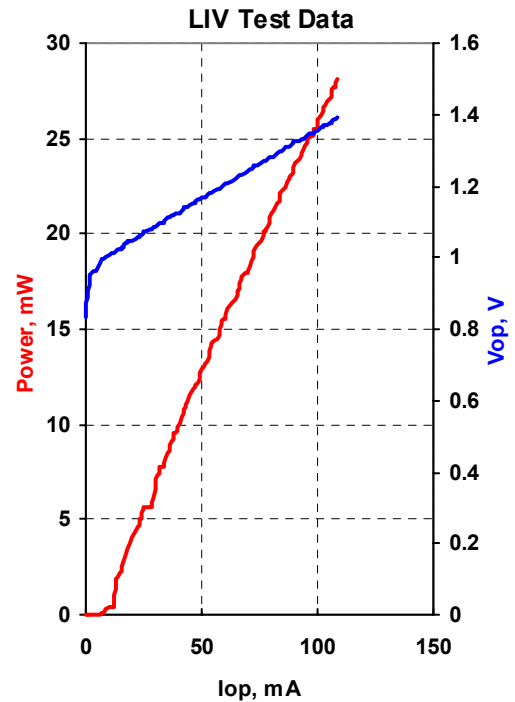




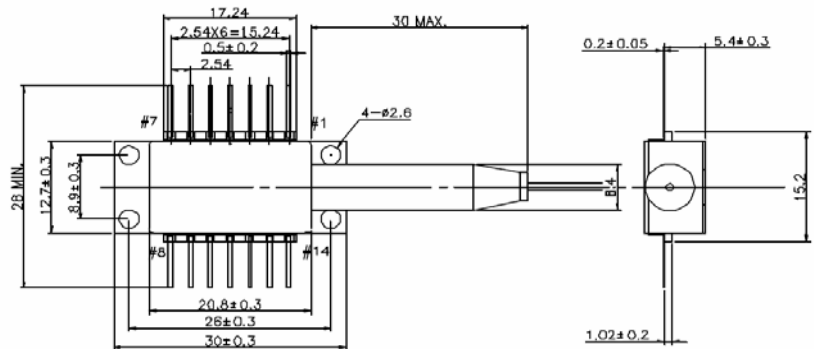
MODEL	QDFBLD-1300-20
PART NUMBER	SAMPLE

Parameter	Value	Units
Internal Temperature	25	°C
Thermistor Resistance	10.0	kΩ
Optical Output Power	20	mW
Threshold Current	10	mA
Operating Current	76	mA
Operating Voltage	1.27	V
Monitor Current	0.52	mA
Monitor Dark Current	0	nA
Center Wavelength	1308.1	nm
Spectral Width	<0.01	nm



Fiber Type	SMF28
NA	0.13
Connector	

PIN	Connection
1	Thermistor
2	Thermistor
12	LD Cathode (-)
4	PD Anode (-)
5	PD Cathode (+)
6	TE Cooler (+)
7	TE Cooler (-)
11,13	LD Anode (+)



Operator	
Date	



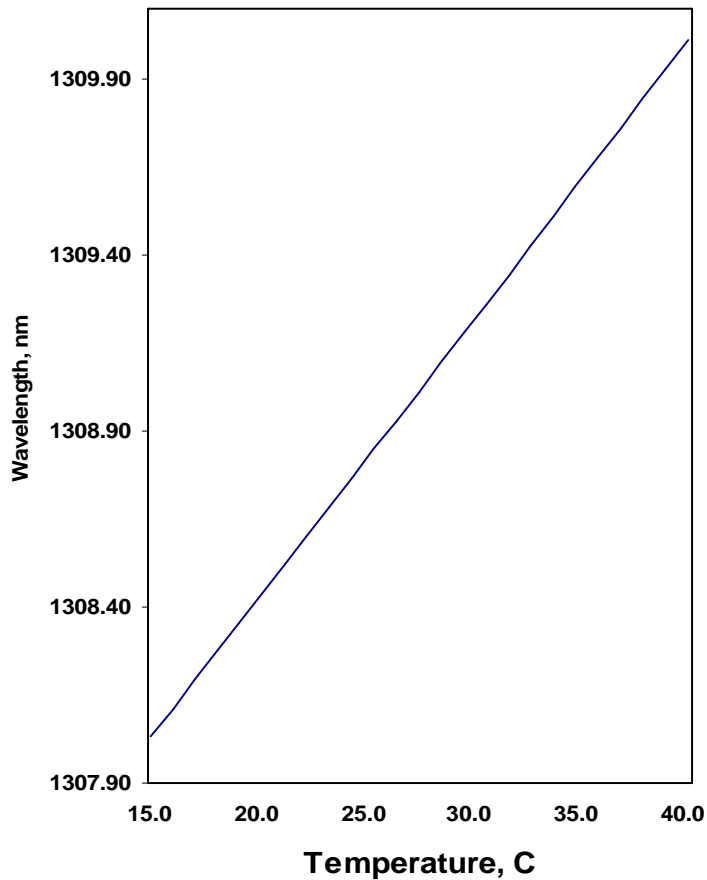
QPHOTONICS, LLC

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 Suite 280, Fax: 734-477-0166
 Ann Arbor, MI 48108, Email: info@qphotonics.com
 USA http://www.qphotonics.com

Optical Test Report

MODEL	QDFBLD-1300-20	
PART NUMBER	SAMPLE	
Operating Current	71	mA
Fiber Type	SMF28	
Connector	SC	

Wavelength Vs. Temperature



Temperature(C)	Wavelength(nm)	Resistance(K)
15.10	1308.033	15.663
16.14	1308.112	14.923
17.16	1308.192	14.237
18.23	1308.275	13.558
19.28	1308.356	12.924
20.34	1308.438	12.322
21.35	1308.520	11.772
22.41	1308.601	11.231
23.46	1308.683	10.72
24.51	1308.767	10.231
25.57	1308.848	9.766
26.62	1308.930	9.331
27.66	1309.011	8.919
28.72	1309.094	8.522
29.74	1309.177	8.148
30.82	1309.260	7.79
31.89	1309.344	7.446
32.96	1309.427	7.134
33.96	1309.509	6.828
35.00	1309.592	6.538
36.04	1309.675	6.256
37.10	1309.760	5.997
38.16	1309.843	5.745
39.23	1309.929	5.501
40.32	1310.012	5.264

Operator	RL
Date	11/17/2009