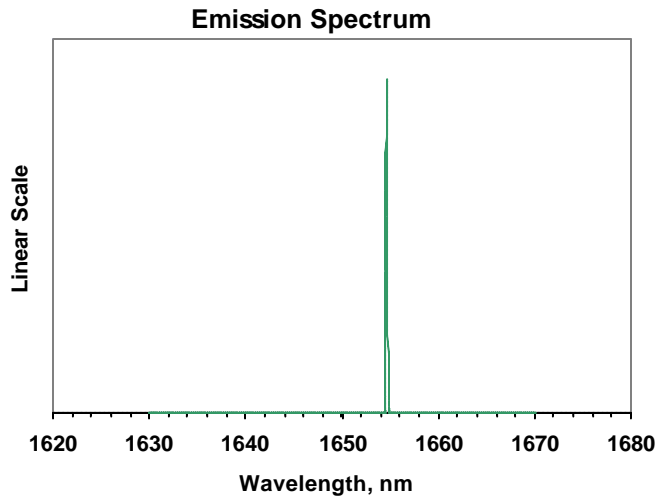
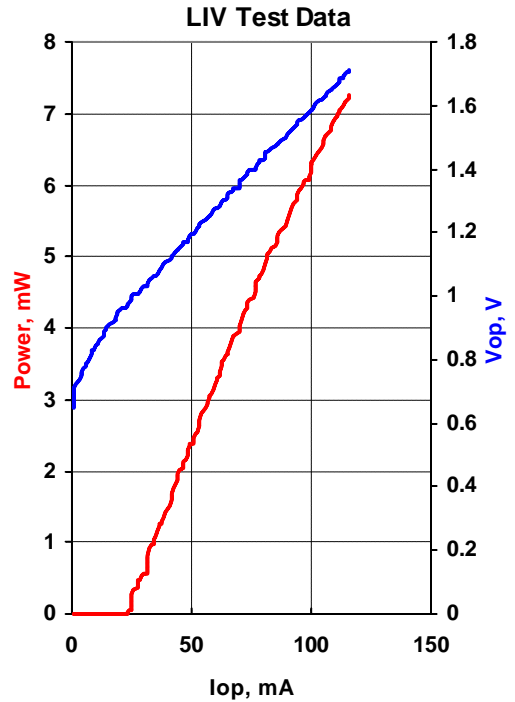


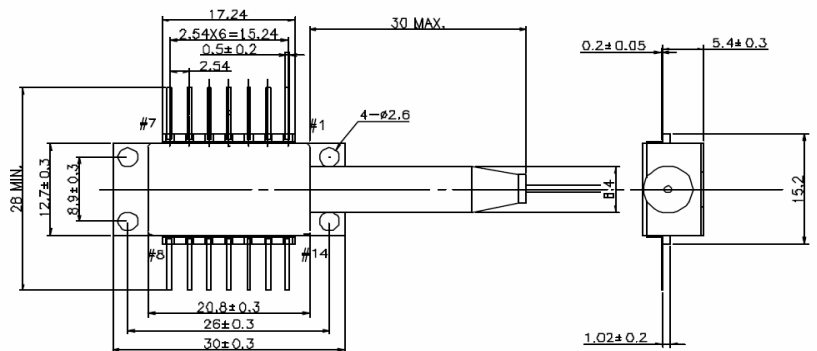
MODEL	QDMLD-1654-5
PART NUMBER	SAMPLE

Parameter	Value	Units
Internal Temperature	25	°C
Thermistor Resistance	10.0	k?
Optical Output Power	5.1	mW
Threshold Current	25	mA
Operating Current	82	mA
Maximum Operating Current	90	mA
Operating Voltage	1.45	V
Monitor Current	0.05	mA
Center Wavelength	1654.7	nm
Spectral Width	<0.01	nm



Fiber Type	SMF28
NA	0.13
Connector	

Pin	Connection
1	Thermistor
2	Thermistor
3	LD Cathode (-)
4	PD Anode (-)
5	PD Cathode (+)
6	TE Cooler (+)
7	TE Cooler (-)
13	LD Anode (+)



Operator	
Date	



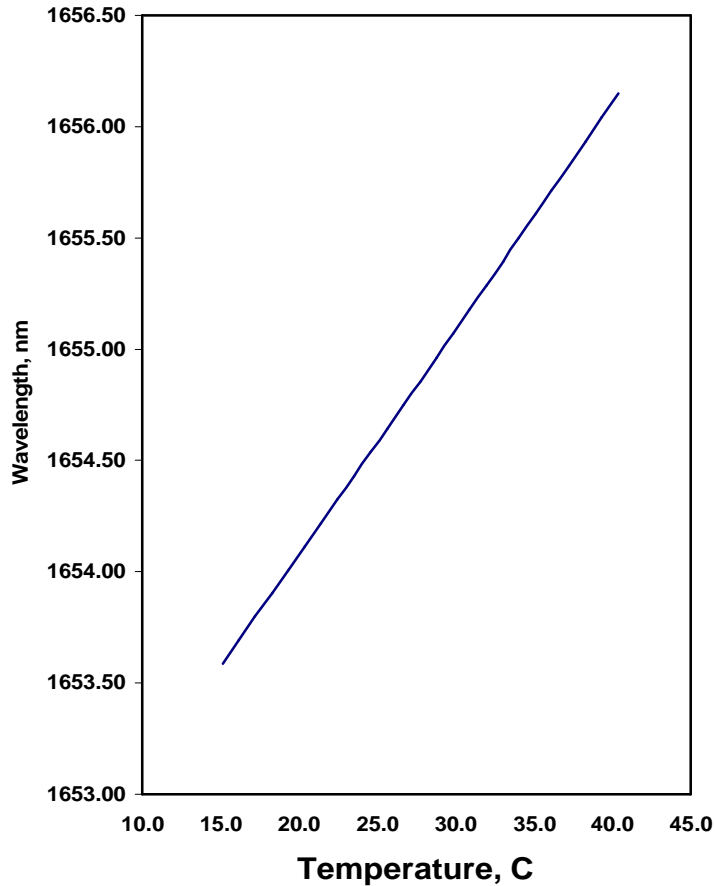
QPHOTONICS, LLC

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 Ann Arbor, MI 48108, Email: info@qphotonics.com
 USA http://www.qphotonics.com

Optimal Test Report

MODEL	QDMLD-1654-5	
PART NUMBER	YE1697	
Operating Current	82	mA
Fiber Type	SMF28	
Connector	FC/APC	

Wavelength Vs. Temperature



Temperature(C)	Wavelength(nm)	Resistance(K)
15.13	1653.588	15.625
16.18	1653.691	14.9
17.22	1653.797	14.198
18.28	1653.902	13.527
19.35	1654.008	12.902
20.38	1654.113	12.299
21.41	1654.218	11.742
22.47	1654.324	11.2
23.52	1654.429	10.689
24.60	1654.537	10.193
25.64	1654.643	9.743
26.69	1654.750	9.3
27.74	1654.856	8.888
28.78	1654.962	8.507
29.85	1655.069	8.125
30.87	1655.177	7.774
31.96	1655.285	7.423
33.01	1655.391	7.103
34.04	1655.499	6.806
35.09	1655.606	6.508
36.13	1655.712	6.233
37.23	1655.822	5.966
38.32	1655.931	5.707
39.33	1656.041	5.478
40.43	1656.149	5.242

Operator	
Date	