



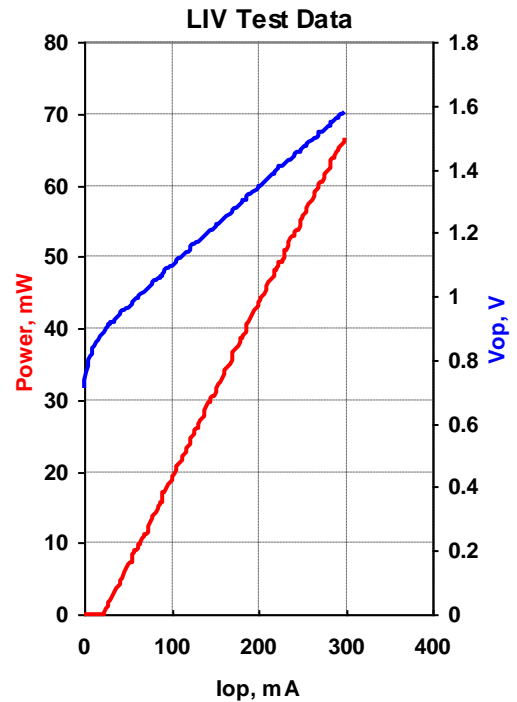
**QPHOTONICS, LLC**

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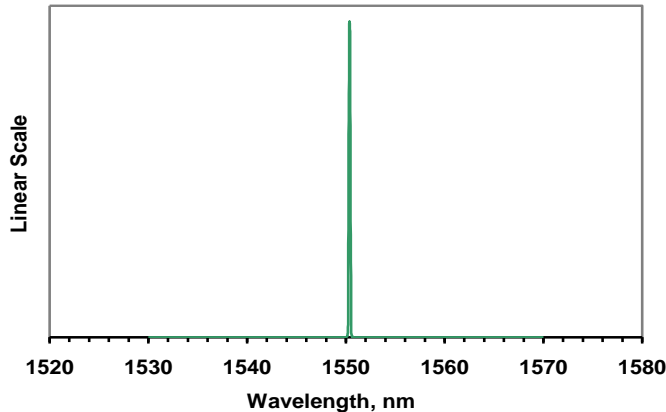
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<b>MODEL</b>	QDFBLD-1550-50N
<b>PART NUMBER</b>	SAMPLE

Parameter	Value	Units
Internal Temperature	25	°C
Thermistor Resistance	10.0	kOhm
Optical Output Power	50	mW
Threshold Current	26	mA
Operating Current	229	mA
<b>Maximum Operating Current</b>	<b>252</b>	<b>mA</b>
Operating Voltage	1.41	V
Monitor Current	0.62	mA
Center Wavelength	1550.4	nm
Spectral Width	<0.01	nm

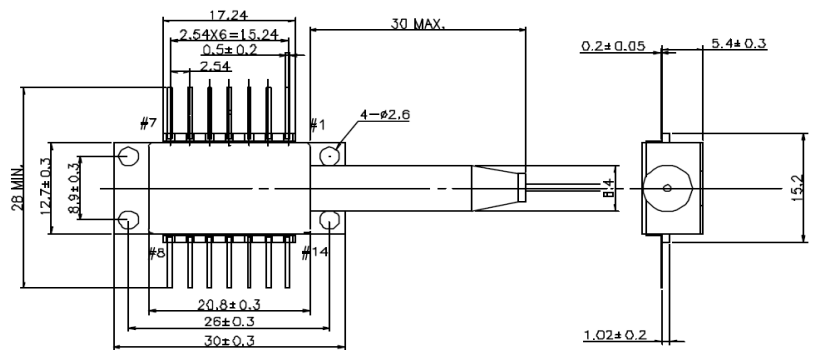


**Emission Spectrum**



<b>Fiber Type</b>	PM
<b>NA</b>	0.13
<b>Connector</b>	Optional

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



**TOP VIEW**

<b>Operator</b>	NA
<b>Date</b>	