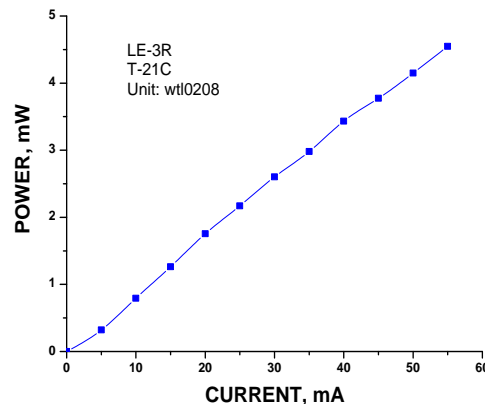
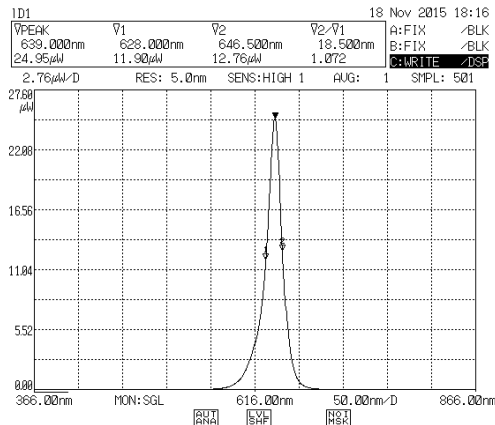


## LED DATASHEET

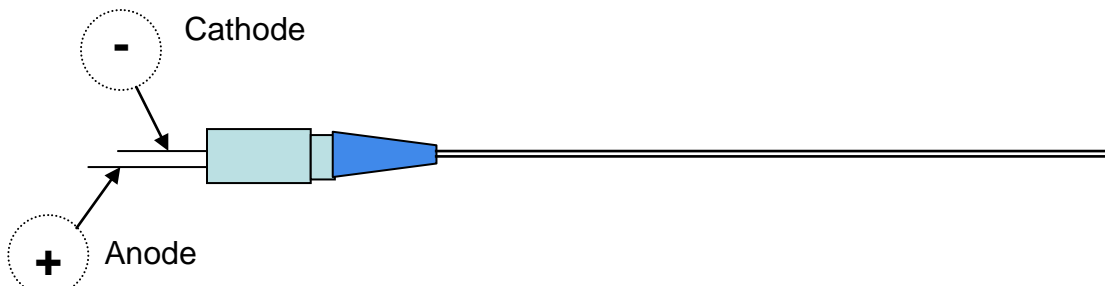
Date: xx.xx.20xx

<b>Part Number:</b>	QLE-3R
<b>Unit Number:</b>	Sample
<b>Package type</b>	Coaxial I
<b>Temperature stabilization</b>	Passive
<b>Fiber pigtail:</b>	Multi-mode POF980(ESKA-TM; 0.98/1.0 mm), loose tube
<b>Connector</b>	Flat polished end (no connector)
<b>Length of pigtail, m</b>	~ 0.7
<b>3 dB modulation bandwidth, MHz</b>	>45
<b>Maximum cw current, mA</b>	<55
<b>Mean wavelength, nm</b>	~639
<b>Spectral width (FWHM), nm</b>	~18.5
<b>Long-term operating wavelength drift, nm</b>	±1.5
<b>Ambient temperature, °C</b>	~21
<b>Operating current, mA</b>	~40
<b>Operating power (@40 mA), mW</b>	~3.4
<b>Maximum cw optical power (@55 mA), mW</b>	~4.5
<b>Absolute maximum pulsed current , mA*</b>	<200
<b>Maximum pulling load to the fiber pigtail, kg</b>	<0.5

\* Maximum pulse width <1 us; maximum repetition rate < 1 kHz



LED spectra (uncalibrated power) and output power (cw), measured at the end of fiber pigtail.



**WARNING:** USE ONLY FC/PC CONNECTORIZED POF500 OPTICAL PATCH-CORD to extend the length of the fiber pigtail (if applicable). If coiling, keep fiber coil radius larger than 10 cm.



LASER DIODES: LARGER SELECTION FOR FAST DELIVERY

3830 Packard Road, Suite 170  
 Ann Arbor, Michigan 48108, USA  
 Phone: 734-477-0133  
 FAX: 734-477-0166  
[info@qphotonics.com](mailto:info@qphotonics.com) [www.qphotonics.com](http://www.qphotonics.com)