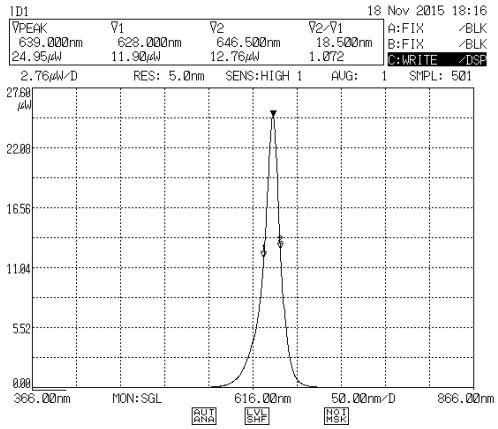
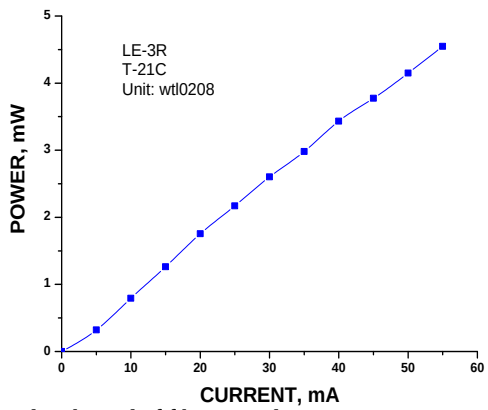
LED DATASHEET

Date: xx.xx.20xx

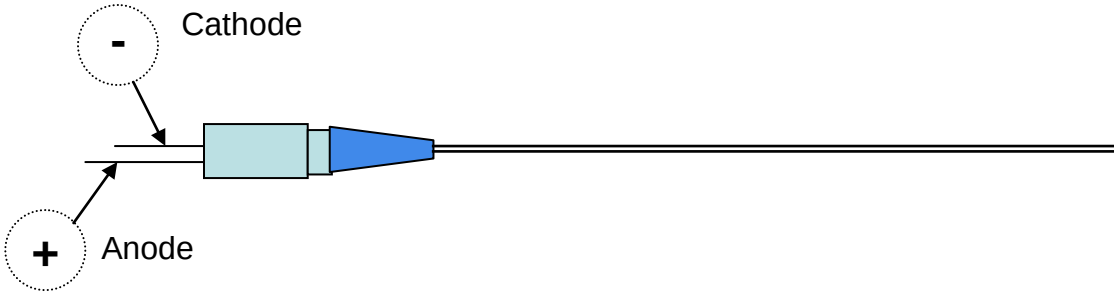
Part Number:	QLE-3R
Unit Number:	Sample
Package type	Coaxial I
Temperature stabilization	Passive
Fiber pigtail:	Multi-mode POF980(ESKA-TM; 0.98/1.0 mm), loose tube
Connector	Flat polished end (no connector)
Length of pigtail, m	~ 0.7
3 dB modulation bandwidth, MHz	>45
Maximum cw current, mA	<55
Mean wavelength, nm	~639
Spectral width (FWHM), nm	~18.5
Long-term operating wavelength drift, nm	±1.5
Ambient temperature, °C	~21
Operating current, mA	~40
Operating power (@40 mA), mW	~3.4
Maximum cw optical power (@55 mA), mW	~4.5
Absolute maximum pulsed current , mA*	<200
Maximum pulling load to the fiber pigtail, kg	<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 then 10 cm.

QPHOTONICS, L.L.C.

LASER DIODES: LARGER SELECTION FOR FAST DELIVERY

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