



Standard Features

- PID temperature control loop
- Constant current with automatic power control
- Precision current source

Optional Features

- Analog modulation, or TTL digital modulation
- Circularized or standard elliptical beam
- Onboard microprocessor with software interface

Applications

- Laser Projection Displays
- Metrology
- Microscopy
- BioAnalytics
- Lithography

Specifications

	IQ1C27 (LD2012)	IQ1C75 (515-80)	IQ1C80 (LD2050)	IQ1C47 (LD2013)	IQ1C100 (LD4067)
Wavelength (nm)	515	515	505	520	530
Output Power (mW)	27	75	75	47	95
Temperature Stability (°C)	±0.1	±0.1	±0.1	±0.1	±0.1
Collimated Beam Size (1/e ²)	1.39 x 4.38	1.50 x 4.60	1.50 x 4.60	1.39 x 4.38	TBD
Beam Divergence (mrad)	0.47 x 0.15	0.47 x 0.15	0.47 x 0.15	0.47 x 0.15	TBD
Mode Structure	Single	Single	Single	Single	Single
Operating Voltage (VDC)	8	8	8	8	8
Typical Operating Current (mA)	450	450	450	450	450
Max Operating Current (mA)	3000	3000	3000	3000	3000
Temperature Range (°C)	15-35	15-35	15-35	15-35	15-35
Size	6.05" x Ø 1.50"				

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