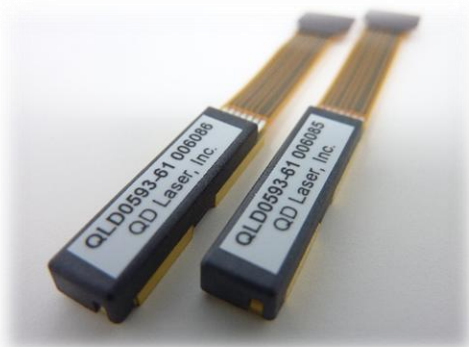


Compact 532/561/594nm Laser for Biomedical Applications

Compact and highly stable single frequency laser

- Highly stable single frequency laser for improving imaging resolution
- Compact package with low power consumption of 1.5W for downsizing your equipment
- Plug and play operation with optional laser driver
- 488, 552, 588nm under development



Application examples

- Biomedical equipment
 - Flow Cytometer
 - Cell Sorter
 - Laser Microscopy
 - Raman Spectroscopy

Key Features

- Patented highly stable (<2%) single frequency laser combining DFB laser and second harmonic generation
- Unprecedented compact package: 22 x 5.6 x t3.8 mm (<0.5cc)
- Low power consumption: <1.5W
- Plug and play operation with optional CW/pulsed laser driver
- Fiber-pigtailed, driver integrated Lantana available

Specification

- Wavelength: 532, 561, 594nm *488, 552, 588nm under development
- Output Power: 5/20/30/50mW *Fiber-pigtailed for 532, 561 nm: 15/20/25 mW





Product Lineup (Compact Laser)*

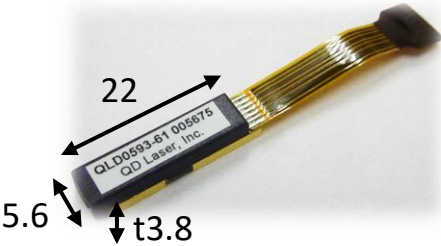
Model Number	Wavelength (nm)	Output Power (mW)
QLD0593-3220	532	20
QLD0593-3230		30
QLD0593-3250		50
QLD0593-6120	561	20
QLD0593-6130		30
QLD0593-6150		50
QLD0593-9405	594	5

Product Lineup (Driver Integrated Lantana)*

Model Number	Wavelength (nm)	Output Power (mW)
QC4LD0593-3220	532	20 / 30 / 50
QC4LD0593-6120	561	20 / 30 / 50
QC4LD0593-9420	594	20 / 30 / 50

Product Family

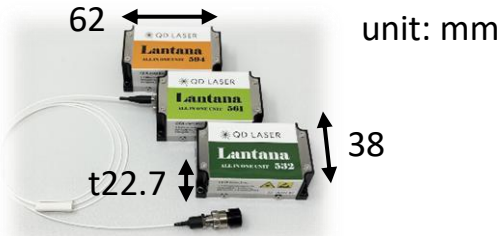
Compact Laser



Fiber-pigtailed Laser



Driver Integrated Lantana



Picosecond Laser Driver



*Please contact us for other options.

