



Lasers

266nm UV Lasers

UV Lasers

257nm UV Lasers

261nm UV Lasers

266nm UV Lasers

266nm UV Lasers (1-10mW)

266nm UV Lasers (1-40mW)

266nm UV Lasers (100-300mW)

303nm UV Lasers

320nm UV Lasers

349nm UV Lasers

351nm UV Lasers

355nm UV Lasers

360nm UV Lasers

371nm UV Lasers

375nm UV Lasers

395nm UV Lasers

398nm UV Lasers

Visible DPSS Lasers

Visible Diode collimated Lasers

Infrared DPSS Lasers

Infrared Diode collimated Lasers

Low Noise Lasers

Single Longitude Mode Lasers

Q-switched / Pulsed Lasers

RGB / RG Lasers

Fiber Lasers

Narrow Linewidth/Raman Laser

Laser Pointers

Laser Collimator

Laser Scanner System

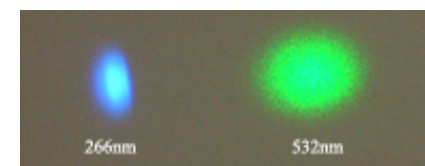
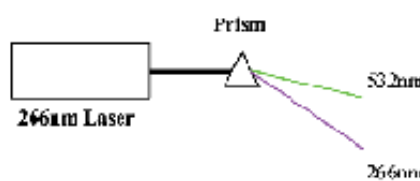
Laser Accessory

Precision Optics

Crystals

**Dream Lasers** designs and manufactures cost effective ultra-compact 266nm Deep UV Lasers for several years. Our lasers feature with high reliability, high stability, and high efficiency , These lasers are specifically designed for OEM, scientific and industrial use.

**Abstract** Based on reasonable designing, precise temperature controlling of the Cr<sup>4+</sup>:YAG, Nd:YAG, LBO and LD, Passively Q-switched green laser is obtained with average output power of 27mW, pulse duration of 15ns, repetition rate of 16kHz, and peak power of 108W, Then by a piece of type-I critical phase matching BBO crystal fo rextra-cavity fourth-harmonic generation, Ultraviolet laser at 266nm with a verage power of 1.2mW is achieved.The reason that the far-field spot of the 266nm laser is ellipsoid is also discussed.



### Order Information

SDL-266-XXX-X  
A B

### A Output Power

005: 5mW (CW)

010: 10mW (CW)

005: 5mW (Q-switched)

010: 10mW (Q-switched)

020: 20mW (Q-switched)

030: 30mW (Q-switched)

050: 50mW (Q-switched)

100: 100mW (Q-switched)

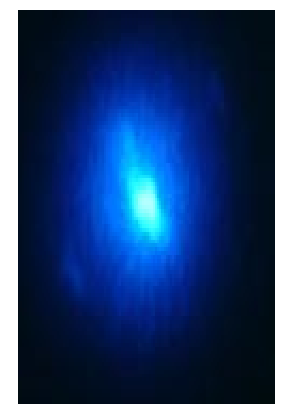
200: 200mW (Q-switched)

300: 300mW (Q-switched)

### B Laser Module Sort

T ---- With Temperature Electric Cooling (CW)

Q ---- Q-switched Pulsed Lasers



**Note: Other design are available upon request. please contact Dream Lasers directly.**