

PLUTO

Compact, high power

With its compact footprint, the DPSS laser PLUTO is especially designed for applications where small space for integration in machine systems and high optical power is requested. With TEM₀₀ beam quality it is an ideal tool for most illumination applications.

Via external analog trigger (0-5 V), the output intensity can be modulated DC - 50 kHz.

In "stand alone" operation the laser can be controlled by a remote control panel to switch ON and OFF the laser by interlock button. The output power can be set by potentiometer.



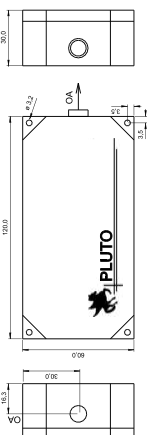
532 nm
400 - 800 mW

Specifications

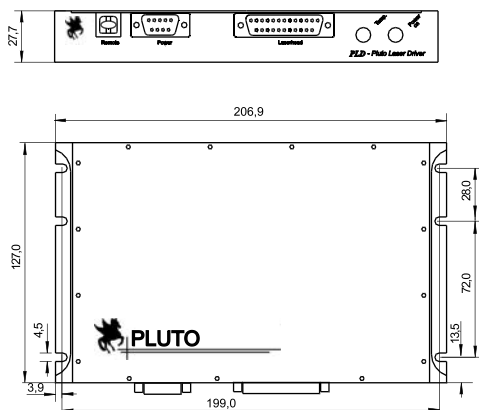
Wavelength	532 nm
Optical power	400 mW, 800 mW
Spatial mode	Low multimode
M ²	< 2
Beam diameter	< 2 mm
Divergence	< 1 mrad
Power stability (over 1 h)	< +/- 5 %
Polarisation	> 100:1
Modulation (via 0 - 5 V)	DC - 50 kHz (-3dB)
Power supply voltage	9 VDC
Operation current	< 5 A (400 mW) < 8 A (800 mW)
Laser head dimension	120 x 60 x 30 mm ³
Power supply	207 x 127 x 28 mm ³

Model	Power (mW)	Beam shape	Laser class
PL.P532.400	400	Dot	3B
PL.P532.800	800	Dot	4
PL.P532.400-Lzz	400	Line	3B
PL.P532.800-Lzz	800	Line	4

Laser head



OEM driver



Typical applications



High speed triangulation



Spectroscopy



Optical pumping