



RLTMLL-532 3-5 W

LOW NOISE LASER



Yellow Diode Pumped Solid State Laser

All solid state 532 nm green low noise laser featuring compact size, long lifetime, and low cost, and easy operatability, which is widely used in collimation, laser medical treatment, scientific experiments, optical instruments, etc.



Specifications	
Wavelength	532 ±1 nm
Output Power	3 - 5 W
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 1%, < 3%, 5%
Warm-up time	< 10 min
M ² factor	3.0 – 5.0 (<3.0 on request)
Noise of Amplitude (rms, 1 – 20Mhz)	< 1%
Beam Divergence (full angle)	< 1.5 mrad
Beam Diameter (at the aperature)	~ 3.0 mm
Beam Height (from base plate)	68.2 mm
Polarization ratio	> 100:1
Operating Temperature	10 - 35 °C
Power Supply (90-260VAC)	PSU-FDA (included)
Expected Lifetime	10000 hours
Warranty period	1 year

Options	
PSU-LED (90-260VAC)	Power supply featuring adjustable ouptut power and current display
Fiber coupling	Multi mode/single mode fiber, SMA-905/FC connector



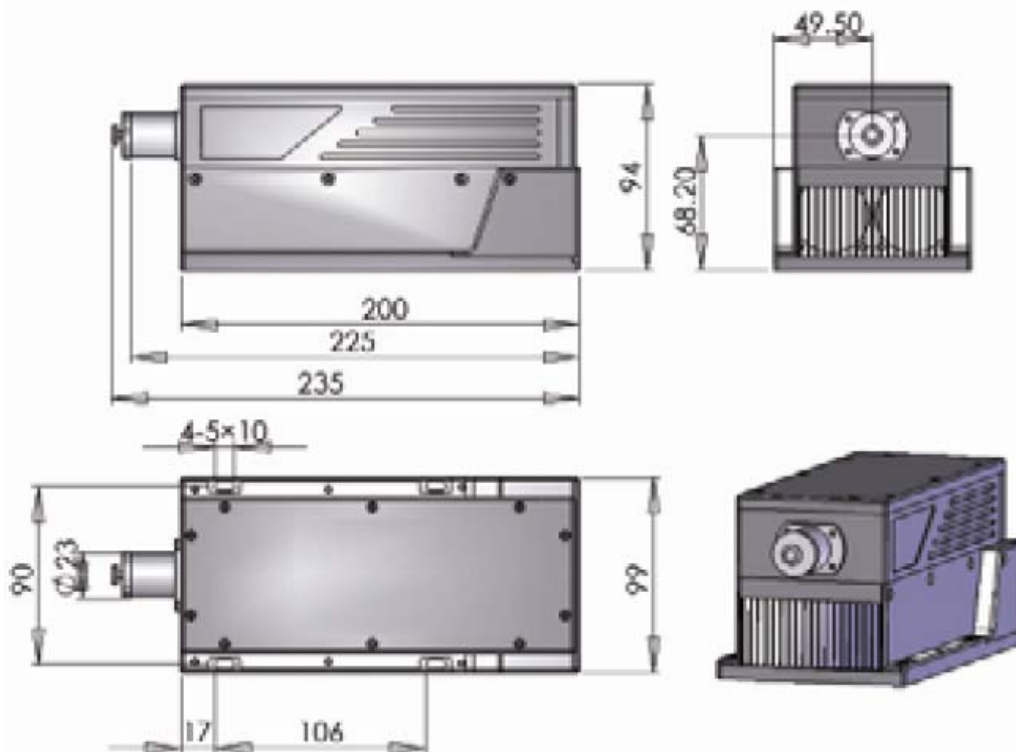
LASER RADIATION
AVOID DIRECT EXPOSURE TO BEAM
DO NOT STARE INTO BEAM
NEVER VIEW THROUGH OPTICAL INSTRUMENTS



RLTMGL laser head



235 x 99 x 94 mm³, 2.6 kg



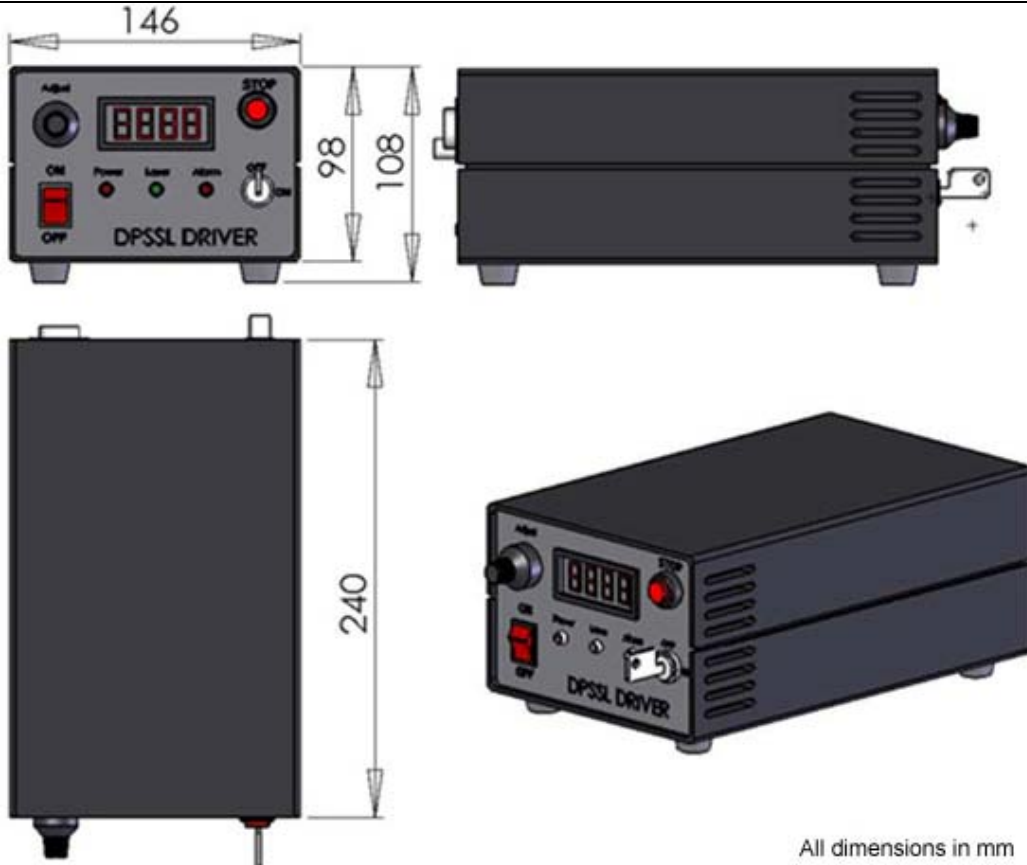
All dimensions in mm



PSU-LED power supply



240 x 146 x 108 mm³, 2.6 kg





PSU-FDA power supply



238 x 146 x 102 mm³, 2.3 kg

