



RLTMLL-405 1-300 mW

LOW NOISE LASER



Violet Laser Diode Module

Violet low noise diode laser module at 405nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Specifications	
Wavelength	405 ±5 nm
Output Power	1 - 300 mW
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 1%, < 3%, < 5%
Warm-up time	< 5 min
Beam Divergence (full angle)	< 0.5 mrad
Beam Diameter (at the aperature)	~ 4.0 mm
Beam Height (from base plate)	24.8 mm
Pointing stability after warm up	< 0.05 mrad
Noise of Amplitude (1-20MHz)	< 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 output power and current display
Fiber coupling	Multi mode/single mode fiber, SMA-905/FC connector



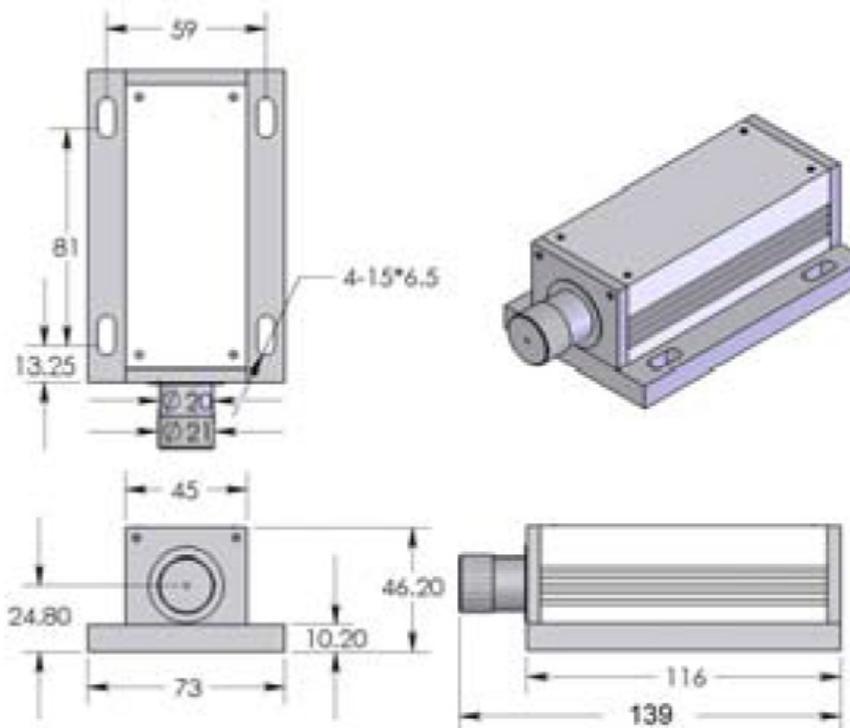
LASER RADIATION
AVOID DIRECT EXPOSURE TO BEAM
DO NOT STARE INTO BEAM
NEVER VIEW THROUGH OPTICAL INSTRUMENTS



RLTMLL laser head



139 x 73 x 46.2 mm³, 0.6 kg

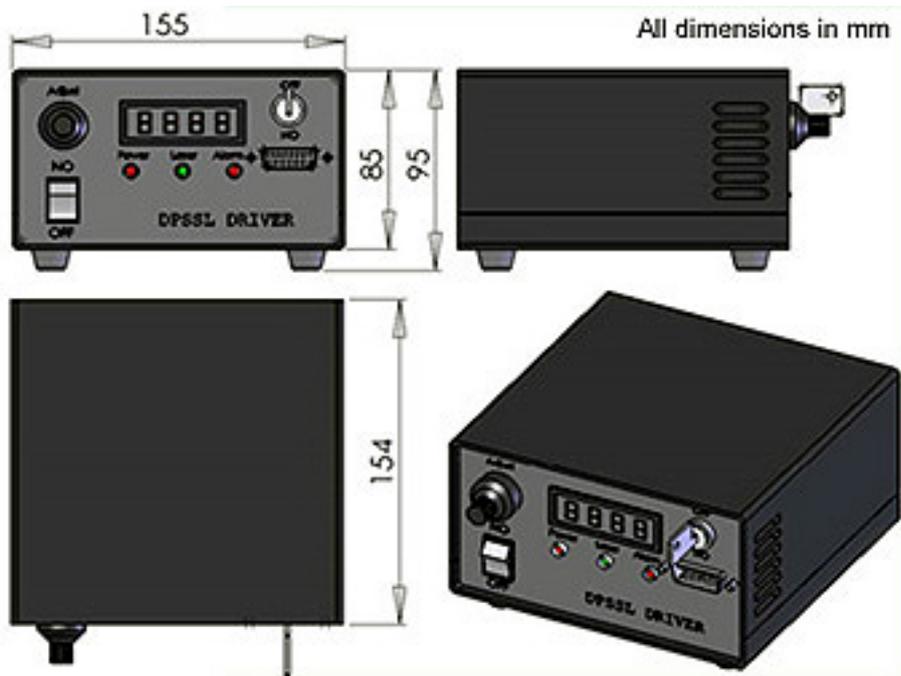




PSU-LED power supply



154 x 155 x 95 mm³, 1.5 kg





PSU-FDA power supply



133 x 130 x 65 mm³, 1.2 kg

