



**RLTMGL-526.5 / 1~200 mW**

## LD PUMPED ALL-SOLID-STATE GREEN LASER AT 526.5nm

All solid state laser at 526.5nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



### SPECIFICATIONS



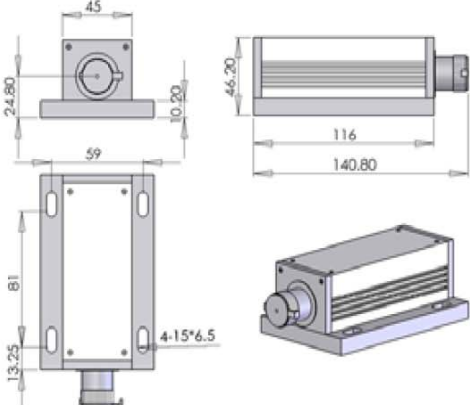
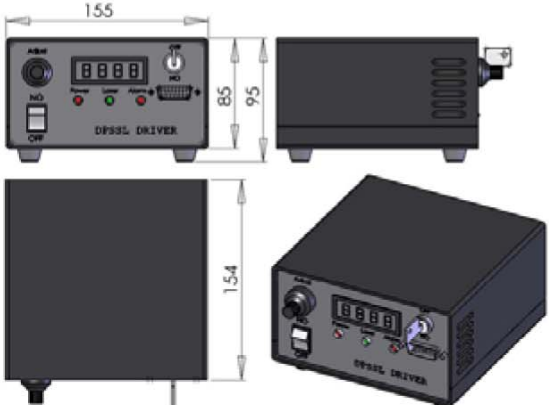

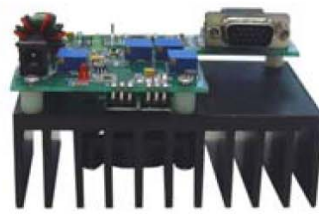
Wavelength (nm)	526.5 ± 1		
Output power (mW)	>1, 5, 10, 20, ... , 200		
Transverse mode	Near TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-LED	PSU-FDA	PSU-OEM
Expected lifetime (hours)	10000		
Warranty	1 year		



# ROITHNER LASERTECHNIK

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<p style="text-align: center;"><b>MxL-523.5</b></p>	<p style="text-align: center;"><b>PSU-LED</b></p>
 <p style="text-align: center;"><b>140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg</b></p>	 <p style="text-align: center;"><b>154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</b></p>
	
<p style="text-align: center;"><b>PSU-FDA</b></p>	<p style="text-align: center;"><b>PSU-OEM</b></p>
 <p style="text-align: center;"><b>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</b></p>	 <p style="text-align: center;"><b>100 (L) ×60(W) ×56 (H) mm<sup>3</sup>, 0.2kg</b></p>
