



## RLTMGL-556 / 1~80mW

### LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 556nm

All solid state laser at 556nm 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



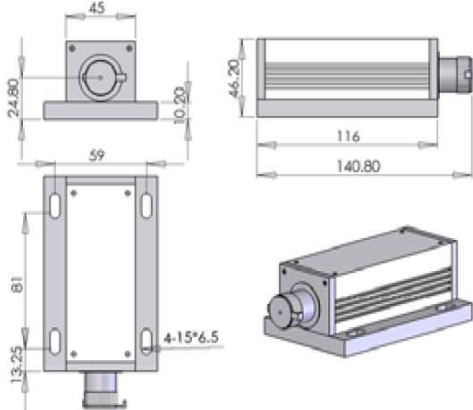
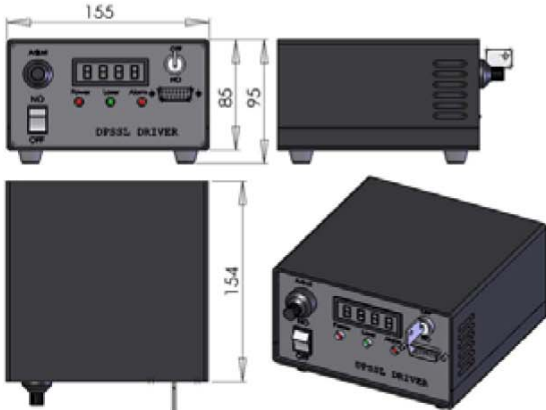

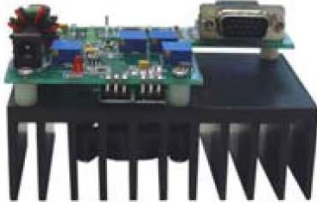
Wavelength (nm)	556 ± 1		
Output power (mW)	>1, 5, 10, 20, ... , 80		
Transverse mode	Near TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (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

Wiedner Hauptstraße 76, A-1040 Vienna, Austria  
 Tel.: ++43 1 586 52 43-0, Fax -44, office@roithner-laser.com



MxL-556	PSU-III-LED
 <p data-bbox="272 768 675 797">140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg</p>	 <p data-bbox="906 768 1292 797">154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</p>
	
PSU-FDA	PSU-OEM
 <p data-bbox="272 1641 643 1671">133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>	 <p data-bbox="911 1641 1273 1671">100 (L) ×60(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p>
