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

RLTMGL-589 / 1~50 mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm

All solid state laser at 589nm 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

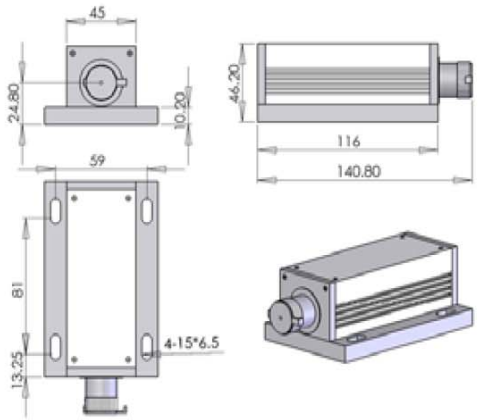
Wavelength (nm)	589 ± 2		
Output power (mW)	>1, 2, 10, …,50		
Transverse mode	Near TEM_{00}		
Operating mode	CW		
Power stability (rms, over 4 hours)	<10% ,<20%		
Warm-up time (minutes)	<10		
M^2 factor	<1. 5		
Beam divergence, full angle (mrad)	<1. 5		
Beam diameter at the aperture (mm)	~2. 0		
Beam height from base plate (mm)	24. 8		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (℃)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-LED	PSU-FDA	PSU-OEM
Expected lifetime (hours)	10000		
Warranty	1 year		

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MxL-589



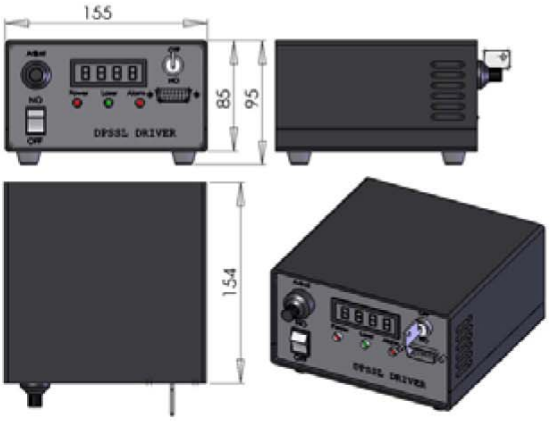
140. 8(L)×73(W) ×46. 2(H) mm^3, 0.6kg



PSU-LED



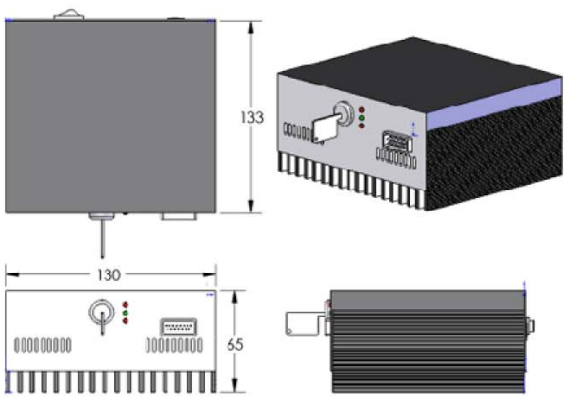
154 (L) ×155(W) ×95 (H) mm^3, 1.5kg



PSU-FDA



133 (L) ×130(W) ×65 (H) mm^3, 1.2kg



PSU-OEM



100 (L) ×60(W) ×56 (H) mm^3, 0.2kg

