



MxL-DP series



LD PUMPED ALL-SOLID-STATE RED LASER

All solid state red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show etc.

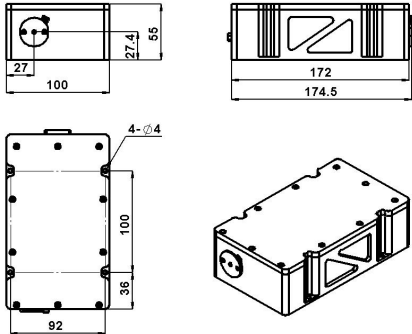
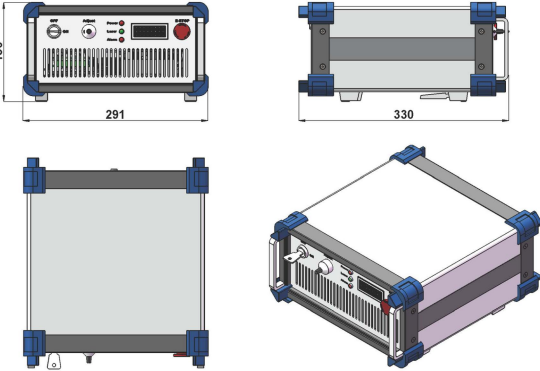



SPECIFICATIONS

Part number	MRL-DP-639	MRL-DP-721
Wavelength (nm)	639±1	721±1
Operating mode	CW	
Output power (mW)	1000-3000	500-1200
Power stability (rms, over 4 hours)	<3%, <2%, <1%	
Transverse mode	TEM ₀₀	
M ² factor	<1.5	<2.0
Beam diameter at the aperture (1/e ² , mm)	<2.0	
Beam divergence, full angle (mrad)	<1.2	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Cooled method (Water Cooled)	WCH-580	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-DP	
Expected lifetime (hours)	10000	
Warranty	1 year	

Note: The laser head needs to be used on a heat sink with good heat dissipation.



LASER HEAD	POWER SUPPLY	Water Chiller(WCH-580)
 <p data-bbox="360 759 629 783">174.5(L)×100(W)×55(H) mm³, 1.8kg</p>	 <p data-bbox="976 759 1256 783">326(L) ×292(W) ×148 (H) mm³, 4.9 kg</p>	 <p data-bbox="1588 759 1883 783">345 (L) ×248 (W) ×215(H) mm³, 10.5 kg</p>