

**PRL-FS-637/1~200mW**

### SPECIFICATIONS


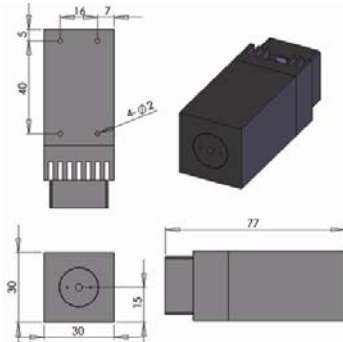

### RED DIODE LASER

Red diode laser at 637 nm is made features of round beam, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



Wavelength (nm)	637±5
Output power (mW)	>1, 10, 30, ..., 200
Transverse mode	Near TEM <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	15
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-V-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	5000
Warranty period	1 year



PRL-FS-637	Dimensions	PSU-V-OEM	Dimensions
 <p>77 (L) × 30(W) × 30(H) mm<sup>3</sup>, 0. 2 kg</p>		 <p>105 (L) × 47(W) × 38(H) mm<sup>3</sup>, 0. 2 kg</p>	