

MRL-F-635/1500mW

### RED DIODE LASER AT 635nm


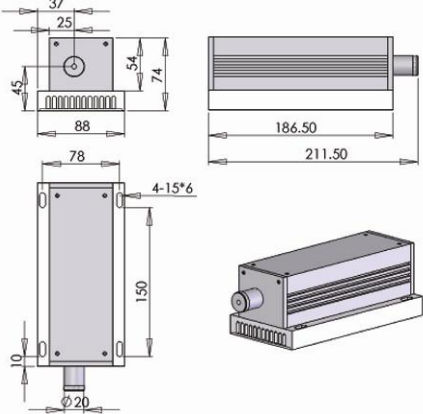

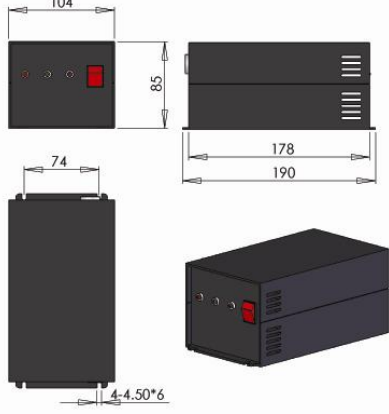
Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



### SPECIFICATIONS

Wavelength (nm)	635±5
Output power (mW)	>1500
Transverse mode	Near TE <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<5
Polarization	Linear, horizontal (Vertical is on request)
Dimensions of beam at the aperture (mm)	<5×6
Beam height from base plate (mm)	45
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC or 5VDC)	PSU-H-OEM-S
TTL / Analog modulation	Optional, 2kHz or higher (on request, up to 30kHz)
Expected lifetime (hours)	10000
Warranty	1 year



MRL-F-635	DIMENSION	PSU-H-OEM-S	DIMENSION
 <p>211.5(L)×88(W)×74(H) mm<sup>3</sup>, 1.6 kg</p>	 <p>37, 25, 4.5, 88, 74, 54, 78, 4-15*6, 150, 10, φ20, 186.50, 211.50</p>	 <p>190(L)×104(W)×85(H) mm<sup>3</sup>, 1.3 kg</p>	 <p>104, 85, 178, 190, 74, 4-4.50*6</p>