

**MRL-III-660/1~100mW**



### LD PUMPED ALL-SOLID-STATE RED LASER AT 660nm

All solid state 660nm 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

Wavelength (nm)	660±1
Output power (mW)	>1, 5, 10, 20, ... , 100
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM <sub>00</sub>
Operating mode	CW
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<1.2
Beam divergence, full angle (mrad)	<1.5
Beam diameter at 1/e <sup>2</sup> (mm)	~1.2
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-III-LED/PSU-III-FDA/PSU-III-OEM-97
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year



MRL-III-660	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
<p>140.5 (L) × 73 (W) × 46.2 (H) mm<sup>3</sup>, 0.6kg</p>	<p>188 (L) × 155(W) × 92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>171 (L) × 130(W) × 62.2 (H) mm<sup>3</sup>, 1.2kg</p>	<p>94(L)×75(W)×49(H)mm<sup>3</sup>, 0.23kg</p>