



Your source for high quality, affordable lasers

## DATA SHEET

### RED DIODE LASER AT 635nm



It features ultra-compact design, long lifetime, cost-effectiveness and easy operating, the laser is widely used in Measurement, spectrum analysis, laser lighting show, etc.



Model: MDL-SD-635/600~1000mW

Wavelength (nm)	635 ± 5nm
Operating mode	CW
Output power (mW)	>600, 700, ..., 1000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal + Vertical
Beam diameter at the aperture 1/e <sup>2</sup> , mm)	~5.0 x 3.8
Beam divergence, full angle (mrad)	<1.6 x 0.2
Warm-up time (minutes)	<5
Operating temperature (°C)	10~35
Power supply (85-264VAC)	PSU-III-LED / PSU-III-FDA/ PSU-III-OEM-97
Modulation	TTL on/off, 1Hz-30kHz, 30kHz~100KHz; and Analog modulation optional
Expected lifetime (hours)	10,000
Warranty period	1 year

MDL-SD-635	PSU-III-FDA	PSU-III-LED	PSU-III-OEM-97
<p>131.2(L) × 99(W) × 91(H) mm<sup>3</sup>, 1.6kg</p>	<p>171(L) × 130(W) × 62.2(H) mm<sup>3</sup>, 1.2kg</p>	<p>188.6(L) × 155(W) × 92(H) mm<sup>3</sup>, 1.5 kg</p>	<p>94(L) × 75(W) × 49(H) mm<sup>3</sup>, 0.2 kg</p>