



Your source for high quality, affordable lasers

Model: MRL-III-655/1~1000mW

DATA SHEET

RED DIODE LASER AT 655nm

Red diode laser module at 655nm is made features of ultra-compact, long lifetime, cost-effectiveness and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



Wavelength (nm)		655 ± 10nm
Output power (mW)		>100, 200, ..., 1000
Transverse mode		Multimode
Operating mode		CW
Power stability (rms, over 4 hours)		<1%, <3%, <5%
Warm-up time (minutes)		<5
M ² factor		<20
Beam divergence, full angle (mrad)		<2.5
Dimensions of beam at aperture (mm)		~5 x 8
Beam height from base plate (mm)		24.8
Pointing stability after warm-up (mrad)		<0.05
Operating temperature (°C)		10~35
Power supply	85~264VAC	PSU-III-FDA / PSU-III-LED (TTL/Analog modulation, 1~30KHz)
	100~240VAC	PSU-A-D (TTL/Analog modulation, 30KHz~100KHz)
Expected lifetime (hours)		10,000
Warranty period		1 year

MRL-III-655	PSU-III-FDA	PSU-III-LED	PSU-A-D
<p>146(L) × 73(W) × 46.2(H) mm³, 0.7 kg</p>	<p>171(L) × 130(W) × 62.2(H) mm³, 1.2 kg</p>	<p>188.6(L) × 155(W) × 92(H) mm³, 1.5 kg</p>	<p>162(L) × 144(W) × 70(H) mm³, 1.0 kg</p>