

Model: MRL-III-635/1~500mW



Your source for high quality, affordable lasers

DATA SHEET

RED DIODE LASER AT 635nm



Diode red laser 635nm is 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)		635 ± 10nm
Output Power (mW)		>100, 300, 400, 500
Transverse Mode		Multimode
Operating Mode		CW
Power stability (rms, over 4 hours)		<1%, <2%, <3%
Warm-up time (minutes)		<10
Beam divergence, full angle (mrad)		<2.5
Dimensions of beam at the aperture (mm)		~5 x 8
Beam height from base plate (mm)		24.8
Operating temperature (°C)		10~35
Power supply	85-264VAC	PSU-III-LED /PSU-III-FDA /PSU-III-OEM-97 (1Hz~10kHz)
	100-240VAC	PSU-A-D (30k~100kHz)
Modulation option		TTL on/off, 1Hz-30kHz, 30kHz~100kHz; and Analog modulation optional
Expected lifetime (hours)		10,000
Warranty period		1 year

MxL-III-635	PSU-III-FDA	PSU-III-LED	PSU-III-OEM-97
<p>146(L) × 73(W) × 46.2(H) mm³, 0.7kg</p>	<p>171(L) × 130(W) × 62.2(H) mm³, 1.2kg</p>	<p>188.6(L) × 155(W) × 92(H) mm³, 1.5 kg</p>	<p>94(L) × 75(W) × 49(H) mm³, 0.2 kg</p>

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