

MRL-III-655L /1~180mW

RED DIODE LASER At 655nm

Red diode laser at 655nm 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)	655±10
Operating mode	CW
Output power (mW)	>1,10,20,...., 180
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<1.5 (<1.2, optional)
Beam diameter at the aperture (1/e ² ,mm)	~3.0 (~1.0, optional)
Beam divergence, full angle (mrad)	<1.0
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	24.8
Operating temperature (°C)	10~35
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-655L	PSU-III-LED	PSU-III-FDA
<p>143.5(L)×73(W)×46.2(H) mm³, 0.7kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	<p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p>