

MDL-III-405/1 -- 400mW

**VIOLET DIODE LASER
AT 405nm**

Violet diode laser module at 405nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	405±5
Output power (mW)	30, 50, 100, 150, 200, 250, 300, 400
Transverse mode	near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	0.5
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	24.8
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-III-FDA or PSU-III-LED
Modulation (optional)	TTL or analog, 1Hz-5kHz, 1Hz-10kHz, 1Hz-30kHz, TTL on/off
Expected lifetime (hours)	10 000
Warranty	1 year



MxL-III-405	PSU-III-LED	PSU-III-FDA
 <p>139(L)×73(W)×46.2(H) mm³, 0.6kg</p>	 <p>154 (L) ×155(W) ×95 (H) mm³, 1.5kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>
		