

MLL-III-405/1 -- 400mW

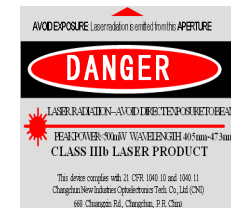
**LOW NOISE VIOLET  
DIODE LASER AT 405nm**



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, 300, 400
Transverse mode	near TEM <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Noise of amplitude (rms, 1-20MHz)	<1%
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
Expected lifetime (hours)	10 000
Warranty	1 year



MxL-III-405	PSU-III-FDA
 <p>139(L)×73(W) ×46.2(H) mm<sup>3</sup>, 0.6kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>
