

Long Coherence Length 405 nm Violet Diode Laser MDL-C-405

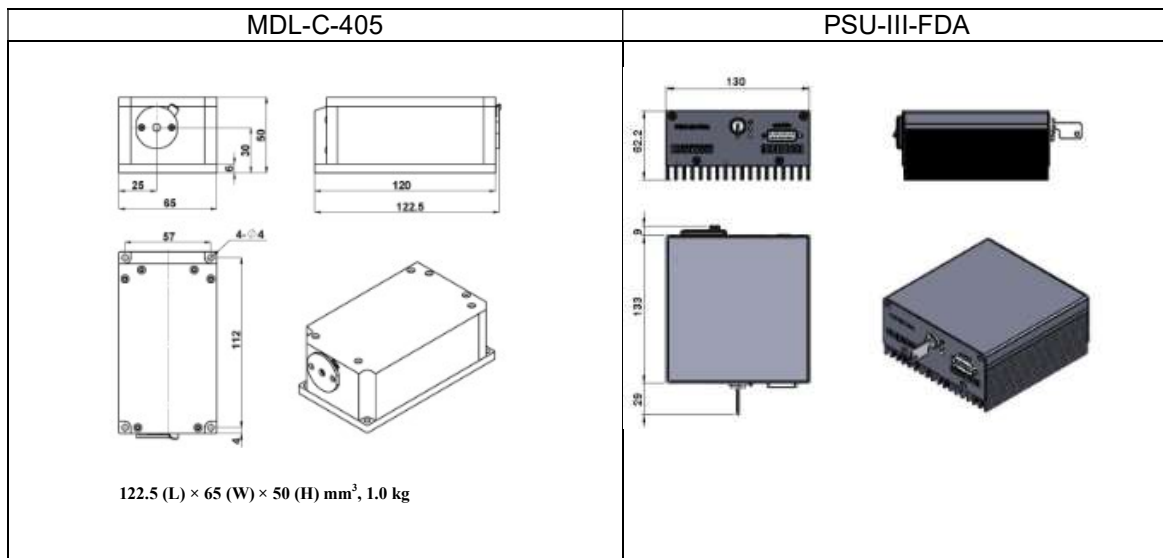
Model #: MDL-C-405

Description: Violet diode laser module at 405nm MDL-C-405 features narrow spectrum linewidth, long coherent length, stable wavelength, ultracompact, long lifetime, low cost, and easy operating.

Application: Holography, precise measurement, high resolution spectrum analysis, etc.

Specifications

Wavelength (nm)	405 ± 1
Output Power (mW)	>1, 10, 30, 50
Operating Mode	CW
Power Stability (rms, over 4 hours)	<1%, 2%, 3%
Transverse Mode	Near TEM ₀₀
Beam Diameter at Aperture (1/e ² , mm)	~ 1.3
Coherent Length (m)	>1.0
Beam Divergency, Full Angle	<1.5
Polarization Ratio	>50:1 (>100:1 optional) Horizontal +/- 5 degrees (vertical optional)
Warm-up Time (minutes)	<5
Beam Height from Base Plate (mm)	30
Operating Temperature (C°)	20 ~ 30
Power Supply (90-264VAC or 5V DC)	PSU-III-FDA/PSU-III-LED
Expected Lifetime (hours)	10000
Warranty Period	1 year



PSU-C-LED

