

LETO-RGB100 Multi-Wavelength Laser

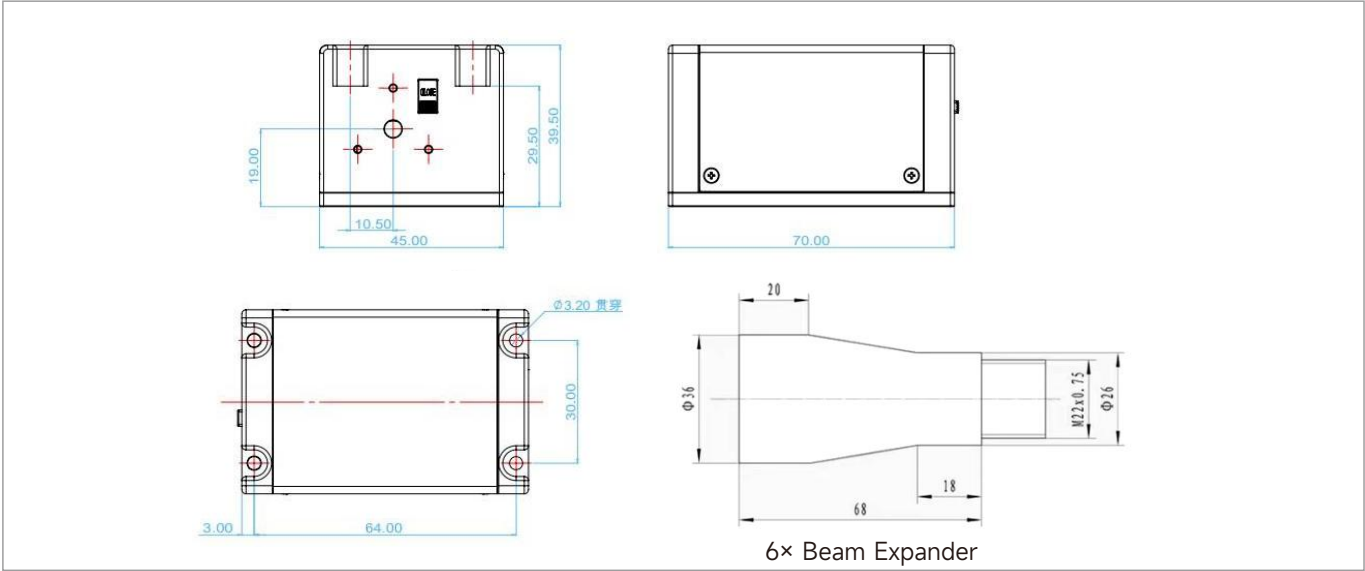


Characteristics

- ◆ Built-in Beam Shaping and Homogenization
- ◆ Excellent Collimation Performance
- ◆ Tri-color Light Spots Can Be Aligned Individually
- ◆ Built-in Driver and NTC/PD/TEC

Application Fields

- ◆ Imaging and Display
- ◆ Biomedical
- ◆ National Defense
- ◆ Industry



Parameter	Specification
Center Wavelength (λ_c)	R:638nm / G:520nm / B:450nm
Wavelength Range	R: ± 10 nm / G: ± 10 nm / B: ± 10 nm
Output Power (typ.) 【1】	R:120mW / G:90mW / B:70mW
Beam Spot Diameter@1000mm(1/e2)	≤ 2 mm
Optical Power Stability	$\leq 3\%$
TTL Tuning Range	0~1Mhz
TTL Supply Voltage (V)	3.3 / 5V
Tri-color Dispersion@1000mm(1/e2) 【2】	≤ 1.0 mrاد
Polarization Orientation	Parellel to the Laser bottom surface
Operating Temperature (°C)	15 ~ 40°C
Storage Temperature (°C)	-40 ~ 65°C
Dimensions (W) x (D) x (H) (mm)	70mm*45mm*39.5mm

【1】 Optical power and operating temperature may vary with ambient temperature
【2】 It refers to the relative angles between R-G, B-G, and R-B. The relative angle between all beams is within 1.0 mrad.
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