

# ZNA-J-457

## BLUE LASER AT 457nm



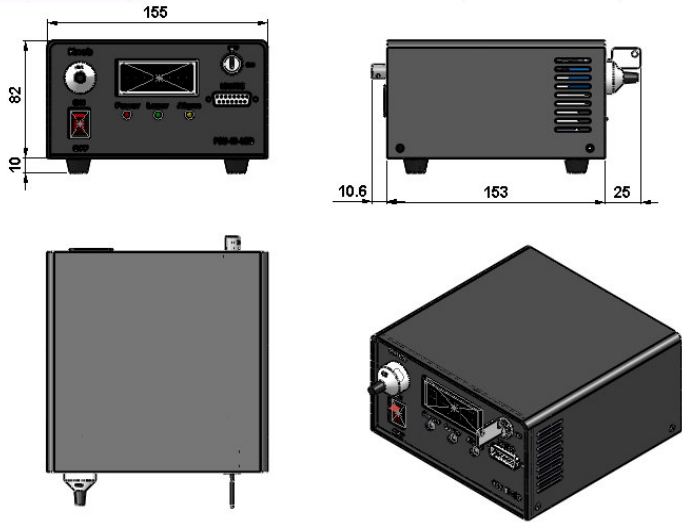
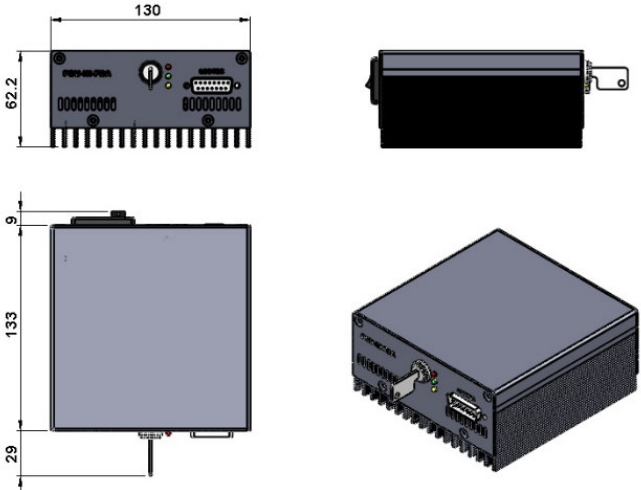
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Central wavelength (nm)	457±1	
Operating mode	CW	
Output power (mW)	>1000, 1100, ..., 1800	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	Multimode	
Spectral linewidth (nm)	~2	
Beam diameter at the aperture (mm)	~5×7	
Beam divergence, full angle (mrad)	<4.5×1	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	29	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	QDI-000-ARF	QDI-000-GFS
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	

It features an ultra-compact design, extended operational lifetime, cost-efficiency, and user-friendly operation. These devices are widely utilized in applications such as beam collimation, laser-based medical treatments, scientific research, optical instrumentation, and laser displays.

ZNA-J-457	QDI-000-ARF	QDI-000-GFS
 <p>160 (L) × 77(W) × 60 (H) mm<sup>3</sup>, 0.9kg</p>	 <p>188.6 (L) × 155(W) × 92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>171 (L) × 130(W) × 62.2 (H) mm<sup>3</sup>, 1.2kg</p>

Note:  
Specifications subject to change without notice.