

# ASE-2000

## Mid-IR Broadband Light Source



### FEATURES

- Broad bandwidth
- Compact footprint
- Diffraction limited beam
- Turn-key system
- No maintenance required

NPI's mid-IR broadband light source **ASE-2000** features broad bandwidth and excellent power stability. It finds applications ranging from optical component testing, spectroscopy, gas sensing to biomedical analysis.

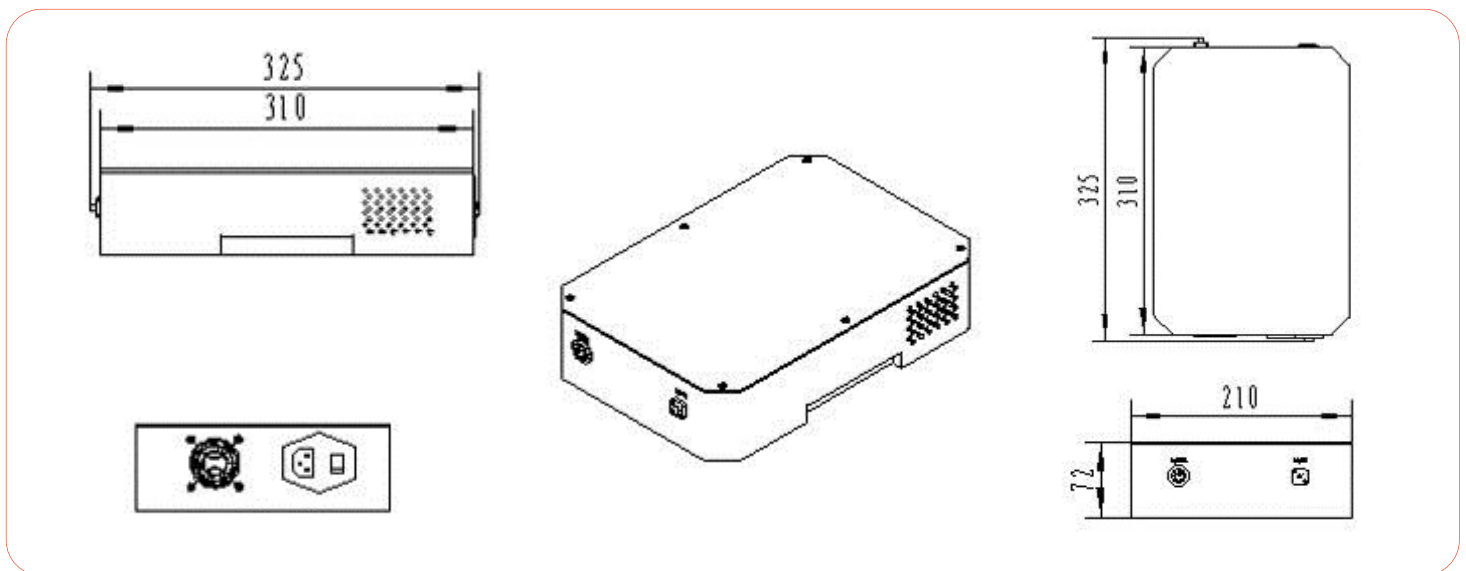
NPI Lasers is an innovative manufacturer of versatile, reliable and cost-effective fiber laser modules operating in the mid-IR wavelength range. Our team shares a combined optical research/industrial experiences of more than 60 years and this ensures that we understand your specific application needs no matter it is in the field of niche photonics research, industrial sensing and detection, advanced bio-medical procedures, or next-generation laser material processing.

### APPLICATIONS

- Gas sensing
- Biomedical analysis
- Spectroscopy
- Test and measurement
- OCT applications

# SPECIFICATIONS

Parameter	Specification	Parameter	Specification
Center wavelength	1950±30 nm	Operating temperature	10 to 40 °C
Bandwidth (-20dB)	>150 nm (typical)	Power requirement	AC 100-240 V (50 Hz/60 Hz)
Average Output power	>10 mW	Dimensions	325 mm x 210 mm x 72 mm
Output stability	±1 % (at 25 °C)	Weight	2.0 kg
Beam Quality, M <sup>2</sup>	< 1.1	Output fiber type	SM2000 single mode fiber, FC/PC or FC/APC connector



VISIBLE OR INVISIBLE RADIATION  
AVOID EYE OR SKIN EXPOSURE TO  
DIRECT OR SCATTERED RADIATION  
CLASS 3B LASER PRODUCT

**CAUTION:** THIS IS A CLASS 3B LASER PRODUCT AND ADJUSTMENT OTHER THAN THOSE SPECIFIED IN THE PRODUCT MANUAL MAY RESULT IN HAZARDOUS LASER RADIATION EXPOSURE

## ADDRESS

Floor 4, Cui-Ping Science Park, 37 Jiangjun Avenue,  
Jiangning District, Nanjing, 211100, China

## CONTACT NUMBER

+86-(0)25-84989433

## EMAIL

sales@npilasers.com