



MIL-V-3100/1-300mW

**LD PUMPED ALL-SOLID-STATE  
Infrared LASER AT 3100nm**

The series of laser provide a CW output power of about max 300mW. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

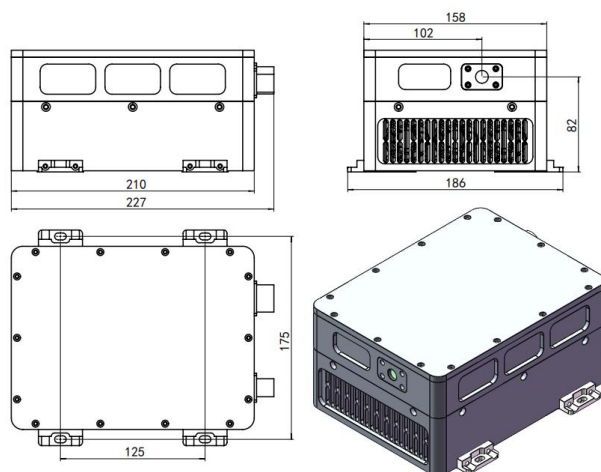


SPECIFICATIONS

|                                                      |            |
|------------------------------------------------------|------------|
| Wavelength (nm)                                      | 3100±5     |
| Operating mode                                       | CW         |
| Output power (mW) <sup>1</sup>                       | 1-300      |
| Power stability (rms, 4 hours±3°C)                   | <5%, <3%   |
| Beam divergence, full angle (mrad)                   | <5         |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | <6         |
| Beam height from base plate (mm)                     | 82         |
| Warm-up time (minutes)                               | <10        |
| Cooled method                                        | Air Cooled |
| Operating temperature (°C)                           | 15-35      |
| Power supply (100-240VAC)                            | RAD1PS     |
| Expected lifetime (hours)                            | >10000     |

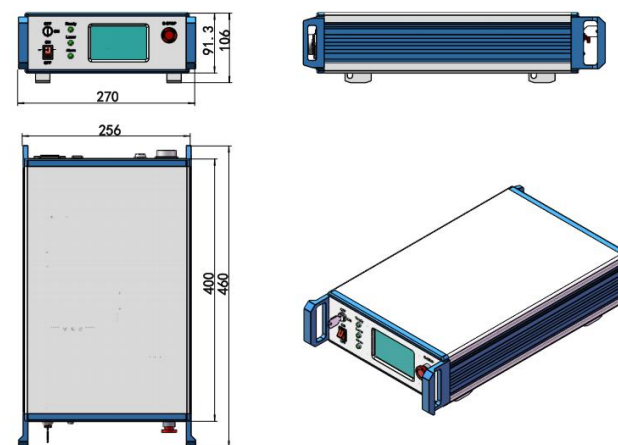


LASER HEAD



229(L)×186(W)×105(H) mm<sup>3</sup>, 5.5kg

POWER SUPPLY



460 (L) ×270(W) ×106(H) mm<sup>3</sup>, 7 kg

<sup>1</sup> Any power level can be selected in this range.