

## IK3151R-E

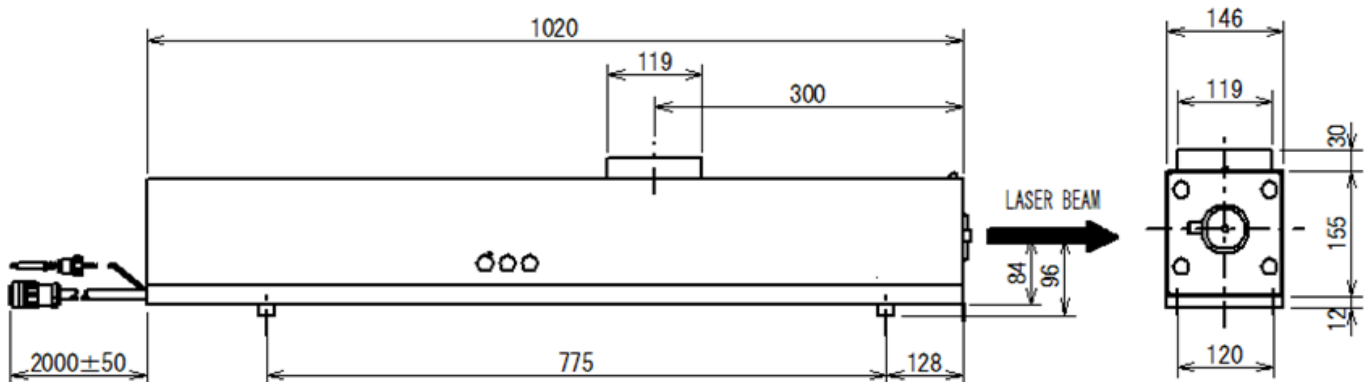
Wavelength : 325nm Power : 18mW

Transverse Mode : TEM<sub>00</sub>



Dimension (mm)

IK-E



# SPECIFICATIONS

|   |  |
|---|--|
| Model   | IK3151R-E  |
| Wavelength (nm)   | 325  |
| Power (mW)  | 18   |
| Transverse Mode   | TEM <sub>00</sub>                                    |
| Polarization  | Linear   |
| Polarization Ratio  | > 500:1  |
| Noise, P-P @30kHz~2MHz (%)  | < 10   |
| Beam Diameter 1/e <sup>2</sup> (mm)                               | < 1.2* <sup>1</sup>                                  |
| Beam Divergence (mrad)  | < 0.4  |
| Beam Pointing Stability (μ rad)<br>(At 25°C constant temperature) | ≤ ± 25   |
| Warm Up Time (90% power) (minutes)                                | 20   |
| Power Stability (%)<br>(At 25°C constant temperature)             | ≤ ± 2.0 (4 hours)                                    |
| Power Stability (10~40°C) (%)                                     | < 20   |
| Environmental Condition (Operation)                               | Temperature 10~40°C, Humidity ≤ 90%RH* <sup>2</sup>  |
| Environmental Condition (Storage)                                 | Temperature -10~50°C, Humidity ≤ 90%RH* <sup>2</sup> |
| Shock (with Kimmon packaging) (G)                                 | 20* <sup>3</sup>                                     |
| Dimensions (W×H×L) (mm)   | 146×197×1020   |
| Weight (kg)   | 17.0   |
| Laser Class   | 3B / IIIb  |

\*1 Measured at 100mm from output coupler

\*2 Non-condensing

\*3 Vertical direction

