

KIMMON LASER SYSTEM

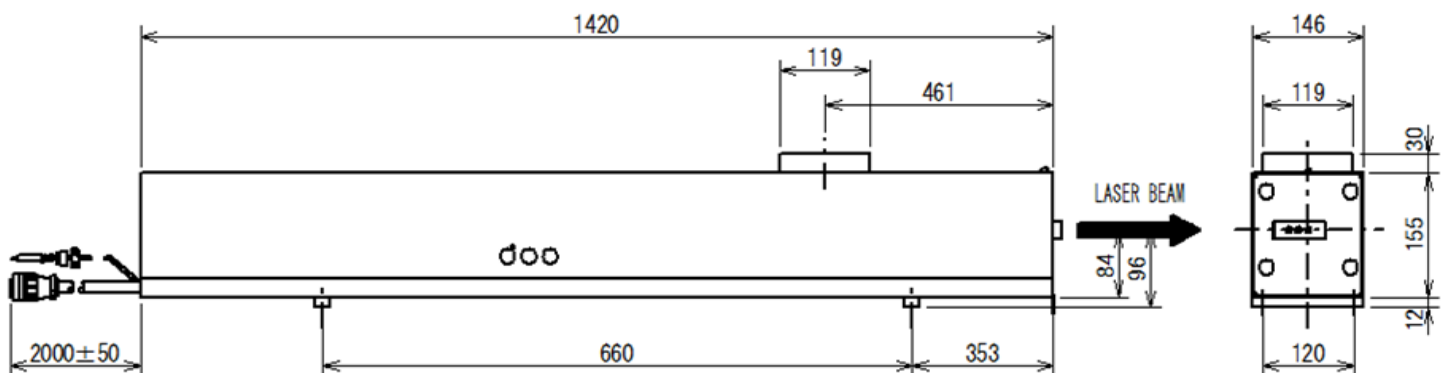
IK5751I-G

Wavelength : 325 / 442nm Power : 30 / 110mW

Transverse Mode : TEM₀₀



Dimension (mm)
IK-G



SPECIFICATIONS

| | |
|---|--|
| Model | IK5751I-G |
| Wavelength (nm) | 325 / 442 |
| Power (mW) | 30 / 110 |
| Transverse Mode | TEM ₀₀ |
| Polarization | Linear |
| Polarization Ratio | > 500:1 |
| Noise, P-P @30kHz~2MHz (%) | < 15 / 20 |
| Beam Diameter 1/e ² (mm) | < 1.2 / 1.2* ¹ |
| Beam Divergence (mrad) | < 0.5 |
| Beam Pointing Stability (μ rad) (At 25°C constant temperature) | ≤ ± 25 |
| Warm Up Time (90% power) (minutes) | 20 |
| Power Stability (%) (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* ² |
| Environmental Condition (Storage) | Temperature -10~50°C, Humidity ≤ 90%RH* ² |
| Shock (with Kimmon packaging) (G) | 20* ³ |
| Dimensions (W×H×L) (mm) | 146×197×1420 |
| Weight (kg) | 23.5 |
| Laser Class | 3B / IIIb |

*1 Measured at 100mm from output coupler

*2 Non-condensing

*3 Vertical direction

