

# KIMMON LASER SYSTEM

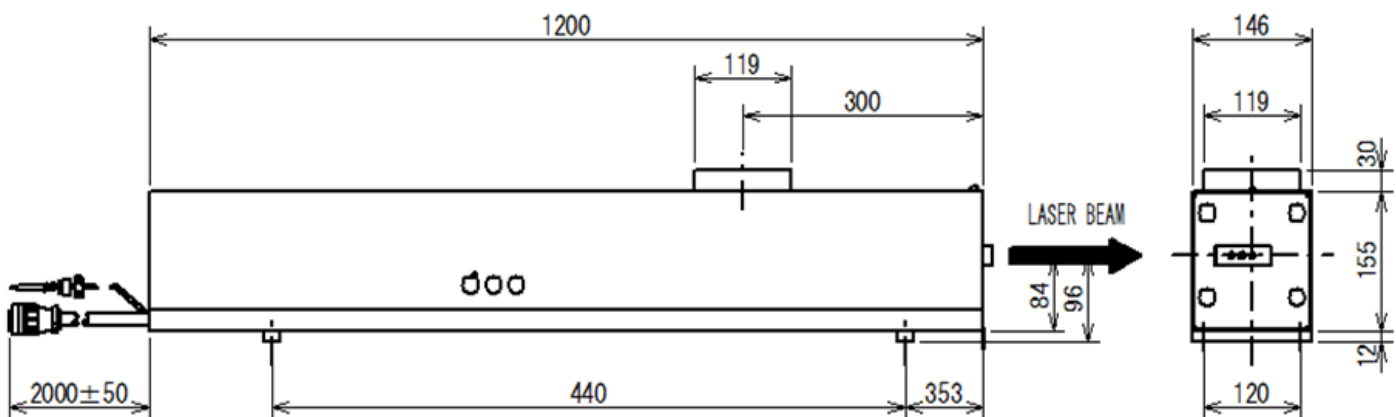
## IK5551R-F

Wavelength : 325 / 442nm Power : 15 / 60mW

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



Dimension (mm)  
IK-F



# SPECIFICATIONS

Model	IK5551R-F
Wavelength (nm)	325 / 442
Power (mW)	15 / 60
Transverse Mode	TEM <sub>00</sub>
Polarization	Linear
Polarization Ratio	> 500:1
Noise, P-P @30kHz~2MHz (%)	< 15 / 15
Beam Diameter 1/e <sup>2</sup> (mm)	< 1.1 / 1.2* <sup>1</sup>
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* <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)	146×197×1200
Weight (kg)	19.0
Laser Class	3B / IIIb

\*1 Measured at 100mm from output coupler

\*2 Non-condensing

\*3 Vertical direction

