

**MSL-FN-360** /1~20mW

### SINGLE LONGITUDINAL MODE UV LASER AT 360 nm


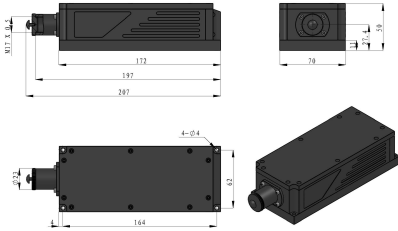

All solid state single longitudinal mode UV laser at 360 nm is made features of TEM<sub>00</sub>, long lifetime and easy operating, which is widely used in measurement, interference, spectrum analysis as the substitute for He-Ne lasers.



#### SPECIFICATIONS

Wavelength (nm)	360±1
Output power (mW)	>1, 2, 3, ..., 20
Transverse mode	TEM <sub>00</sub>
Longitudinal mode	Single
Operating mode	CW
Power stability (rms, over 4 hours)	<5%, <10%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<2.0
Beam divergence, full angle (mrad)	<1.0
Spectral linewidth (nm)	<0.00001
Dimensions of beam at the aperture (mm)	~1.5
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%
Coherent length (m)	>50
Beam height from base plate (mm)	27.4
Polarization ratio	>100:1 (Horizontal)
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty	1 year



MSL-FN-360	Dimension	PSU-H-FDA	Dimension
 <p>197(L)×70(W)×50(H), 2.0 kg</p>		 <p>275 (L) ×145(W) ×104 (H) mm<sup>3</sup>, 2.3 kg</p>	