

1-100mW 360nm solid UV Laser

FEATURES

Miniature size
Collimated straight beam
Adjustable focus
Easy use & maintenance free
Longlife operation
High efficiency
High reliability

APPLICATIONS

Biology
Material Inspection
Biochemistry

Specifications

Model No.	FU360AD5-F100 (<5mW) FU360AD10-F100 (<10mW) FU360AD50-F100 (<50mW) FU360AD100-F100 (<100mW)
Wavelength	360+/-1nm
Spatial Mode	TEM00
Output Power	5, 10,..., 100mW
Operation Mode	CW or Modulation
Modulation	Analogue or TTL upto 30KHz
Polarization	Linear
Beam Spot Shape	Circular, aspect ratio<1.5:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	1.2 mm
Beam Divergence	1.0mrad
Beam Height from Base	45mm
Power Stability(rms, over 4 hours)	<5%
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF	10,000 hrs
Laser head dimension	211.5(L)x88(W)x74(H)mm3
Power Supply	178(W)x197(D)x84(H) mm3 85~265V 50/60Hz input



Laser head drawing

