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1-50mW 589nm Yellow Laser

FEATURES

Sodium wavelength

Star guidance line

Exciting biology fluorescence

APPLICATIONS

Biology Biochemistry Material Inspection

Specifications

Model No.	FU589AD1-F100(1mW) FU589AD5-F100(5mW) FU589AD10-F100(10mW) FU589AD20-F100(20mW) FU589AD30-F100(30mW) FU589AD40-F100(40mW) FU589AD50-F100(50mW)
Wavelength	589±0.5 nm
Spatial Mode	TEM00
Output Power	1mW, 5mW, 10mW, 20mW, 30mW, 40mW, 50mW
Operation Mode	CW or Modulation
Linewidth	<0.1 nm
Polarization	>100:1
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	<3 mm
Beam Divergence	<1.5 mrad
Beam Height from Base	25mm
Power Stability*	<±5% per 2 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating	20~30°C
Storage Temperature	10~50°C
MTTF	10,000 hrs
Laser Dimensions	100(L)x40(W)x50(H) mm
Power Supply	179(W)x148(D)x56(H)mm3 85~265V 50/60Hz input
Modulation	0~30khz Analog or TTL

