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100-1000mW 589nm Yellow Laser

FEATURES

Sodium wavelength

Star guidance line

Exciting biology fluorescence

APPLICATIONS

Biology Biochemistry Material Inspection

Specifications

Model No.	FU589AD100-F100(100mW) FU589AD300-F100(300mW) FU589AD500-F100(500mW) FU589AD800-F100(800mW)	FU589AD200-F100(200mW) FU589AD400-F100(400mW) FU589AD600-F100(600mW) FU589AD1000-F100(1000mW)
Wavelength	589±0.5 nm	
Spatial Mode	Near TEM00	
Output Power	100mW, 200mW, 300mW, 400mW, 500mW, 600mW, 800mW, 1000mW	
Operation Mode	CW or Modulation	
Linewidth	<0.1 nm	
Polarization	>100:1	
Pointing Stability	<0.05 mrad	
Beam Diameter(1/e ²)	<3 mm	
Beam Divergence	<2 mrad	
Beam Height from Base	29mm	
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	167(L)x77(W)x60(H) mm	
Power Supply	178(W)x197(D)x84(H)mm3 85~265V 50/60Hz input	
Modulation	0~30khz Analog or TTL	

