

Diode Pumped Solid State Laser Module

Key Features:

- ◆ 980nm output, near TEM₀₀
- ◆ Constant Power Control
- ◆ Remote control
- ◆ TTL Modulation Option
- ◆ ESD protection
- ◆ Plug & Play
- ◆ Low Noise

Applications:

- ◆ Bio Technology
- ◆ Photo Finishing
- ◆ Semiconductor Instrument
- ◆ Medical Instrument
- ◆ Scientific Research



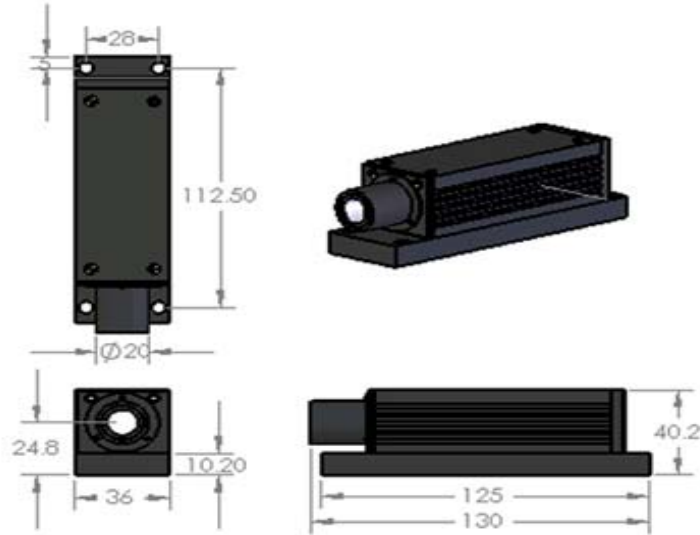
Specifications:

Wavelength	980nmnm
CW Output power	100mW ~ 2000mW
Output stability	5%
Transverse beam mode	Near TEM ₀₀
Beam Divergence (1/e ² , Full Angle)	<5mrad
Beam Diameter (1/e ²)	5 ~ 8mm
M2	<2
Spectral Linewidth	<5nm
Polarization Ratio	50:1
Pointing Stability	0.05mrad
Beam height from base	24.8mm
Operating temperature	10~35 degree C
Warm up time	< 15minutes
Dimensions:	130X36X40mm
Expected lifetime	10,000hours

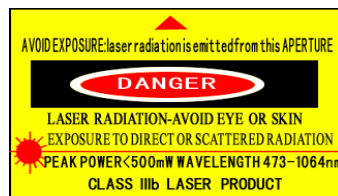
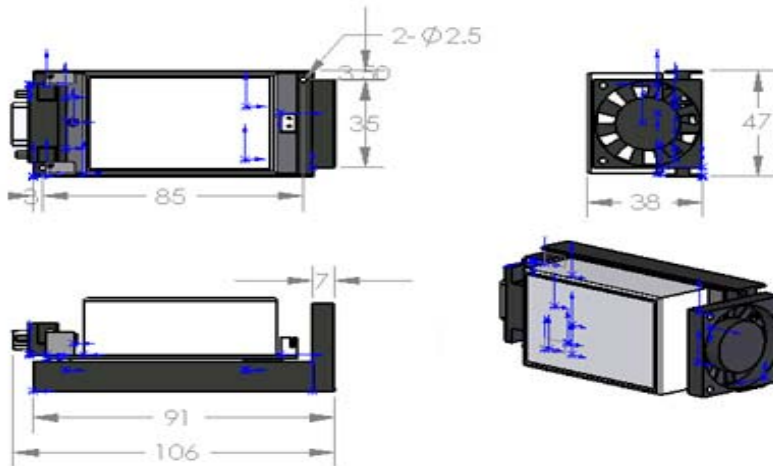
This component does not comply with the Federal Regulations (21 CFR Sub chapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer. The output light from this product is harmful to a human body even if it is invisible. Avoid looking at the output of this product directly, or through a lens during operation. Observance of operation should be through a TV camera or related equipment. Refer to IEC 825-1 and 21 CFR 1040.10-1040.11 as a radiation safety standard for laser products.

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Mechanical Dimensions of Laser Head:



Mechanical Dimension of Power Supply:



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RgBLase LLC follows a policy of continuous product improvement. Specifications are subject to change without notice.