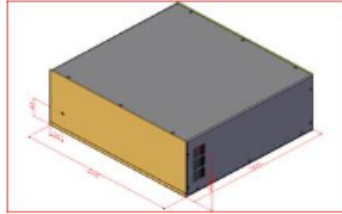


PRODUCT MENU

- + SLOC Lasers
- + DPSS Laser
- + Diode Laser
- RGB Laser
 - RGB640A-500
 - RGB640B-500
 - RGB671B-1000
 - RGB671B-2000
- + Fiber Coupled Laser
- + Laser Optics & Crystals
- + Scanner

500mW RGB Laser


Key Feature

- Compact RGB Laser
- CW Output Power up to 500mW
- 640nm / 532nm / 473nm
- All in one box
- High Reliability

Application

- Laser Lighting Show

RGB640B-500

Optical Parameter

Model	RGB640B-500
Wavelength	640nm / 532nm / 473nm
Output Power @ Red	200mW
Output Power @ Green	150mW
Output Power @ Blue	150mW
Spatial Mode	TEM ₀₀
Operating Mode	CW
Beam Divergence, Full Angle	1.5mrad
Beam Diameter (1/e ²) @ Exit	3.0mm
Power Stability	5% (RMS, over 2 hours, T= 25°C) 10% (RMS, over operating temperature)

Mechanical Parameter

Power Supply	All in one box
Input Voltage	85~240VAC, 50/60Hz
Modulation	10KHz TTL modulation or 10KHz Analog Modulation (optional)
Dimensions	325 × 305 × 124.5mm
Weight	6.0Kg

Reliability

Warm Up Time	<5 minutes
Cooling	Forced-air cooled ^[1]
Operating Temperature, Case	10°C ~ 35°C
Storage Temperature	-20°C ~ 60°C
Expected Operation Lifetime	10000 hours
Warranty	12 months

Note

^[1] The Laser is designed to operate without heat sink. Do not restrict air circulation around the device; an additional heat sink can be used to maximize the performance and life time of the laser.

Mechanical Drawing
