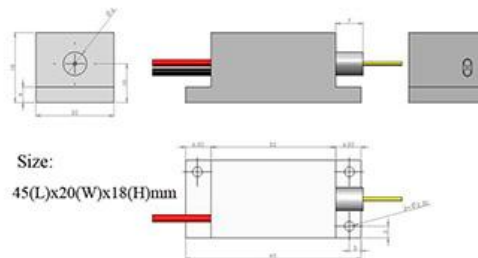
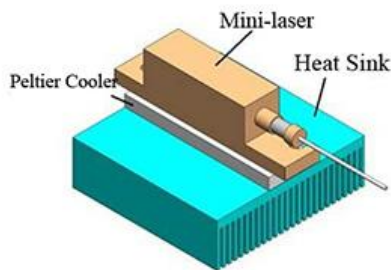


532nm Lasers with Fiber Coupling Output Using MgO:PPLN

Crystals

- **Small and compact in size**
- **Circular beam spot**
- **Fiber coupling output**

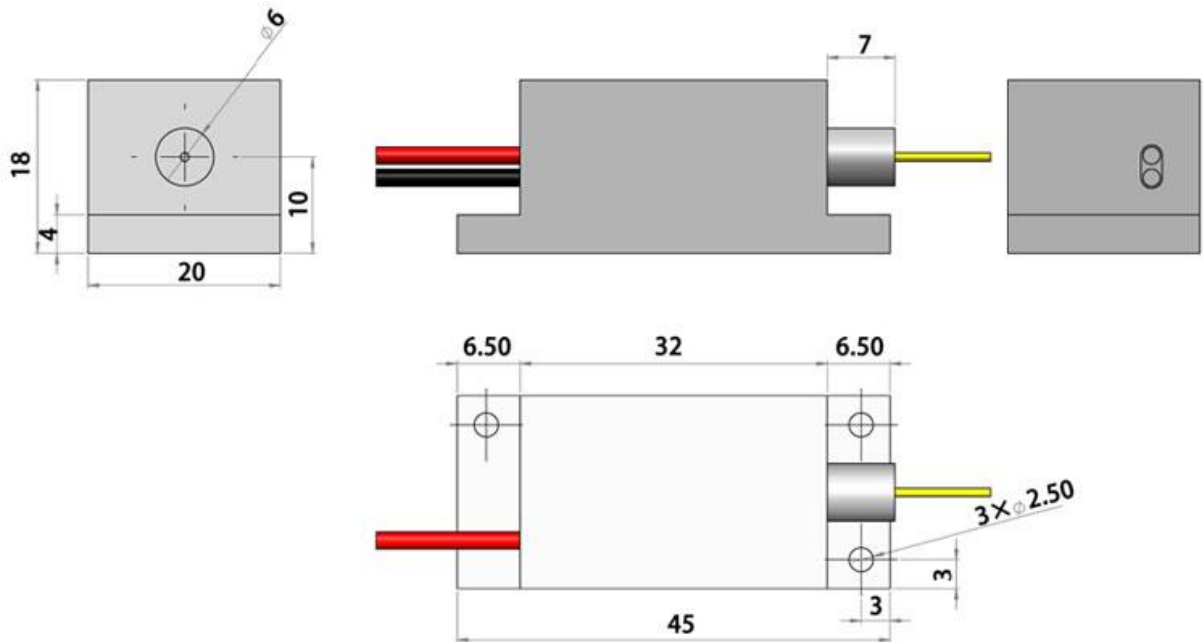
The 532nm laser system has been developed based on the **PPLN** technique, the optical fiber coupling technique is used to get the high power, circular beam spot green laser output. The laser is compact in size and high price-performance ratio, it could be used for laser display, laser medical treatment and illumination ect.

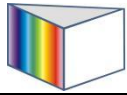


Specifications	
Wavelength (nm)	532
Output power (mW)	500-1000
Working mode	Continuous /modulated
Power stability	<3%
Fiber type	Multimode
Core/cladding of the fiber (μm)	105/125 or customized
Length of Fiber (m)	1.0 or customized
Numerical Aperture (NA) of fiber	0.15/0.22 or customized
Working temperature (°C)	25+/-2
Working Current (A)	3/5+/-0.2
Working Voltage (V)	~2
Heat of TEC (W)	~ 5/9
Electric to optical conversion efficiency (TEC power not included)	~16%
Optical to optical conversion efficiency	~30%
Lifetime (depends on 808 LD) (hours)	10000

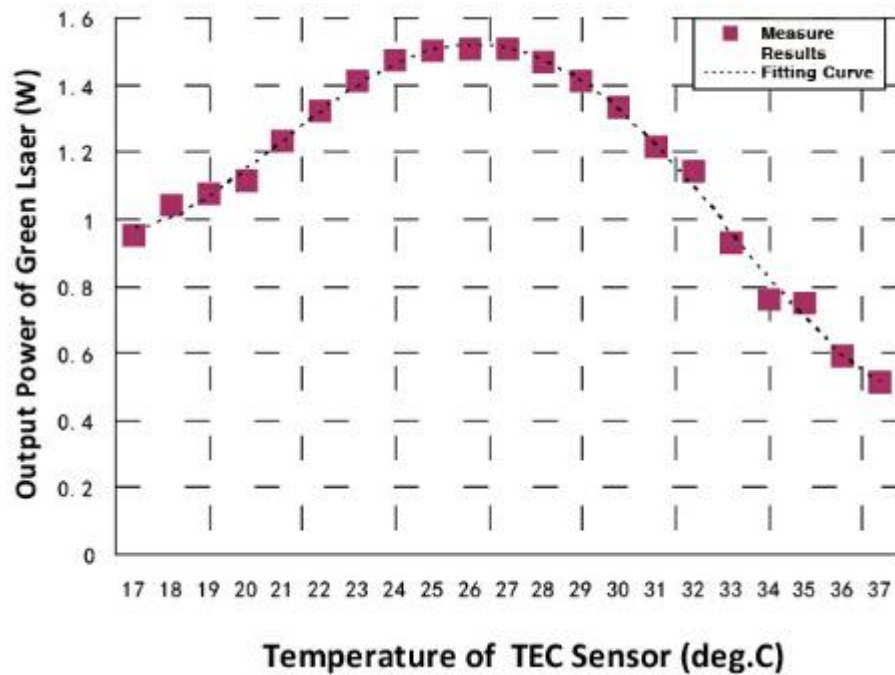
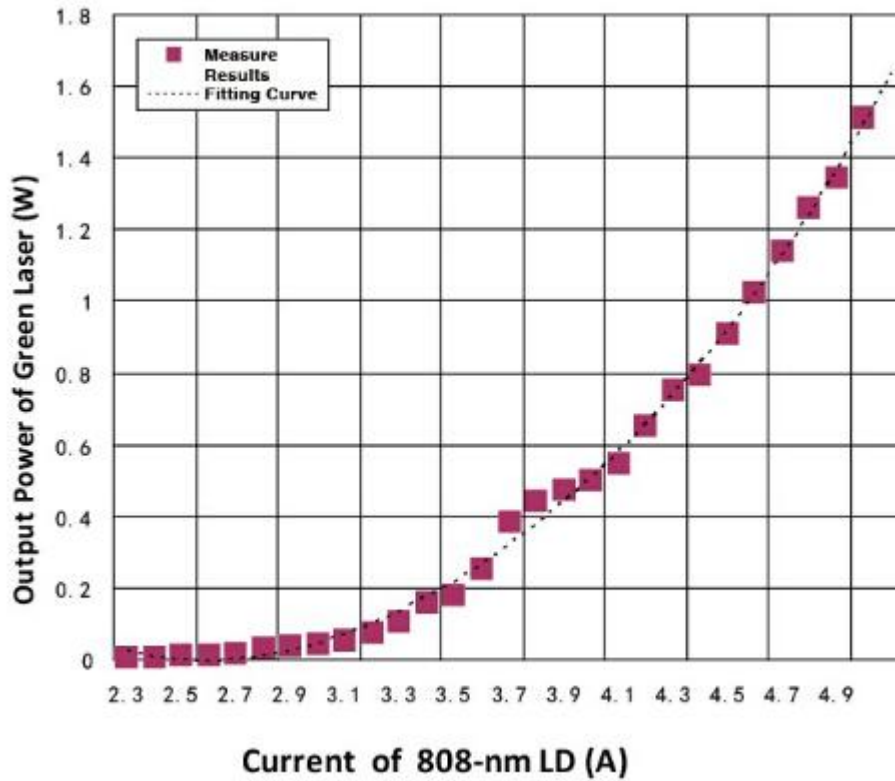
Application Notes

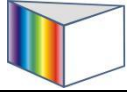
1. Dimension of the lasers





2. Power to current and power to temperature response curves





Shalom EO
Crystals, optics and components

Hangzhou Shalom Electro-optics Technology Co., Ltd.
