

### DPSS IR Lasers

#### LSR1064-U series

- ✦ Compact dimensions
- ✦ Collimated straight beam
- ✦ High output power
- ✦ Easy use & maintenance free
- ✦ Longlife operation
- ✦ High efficiency
- ✦ High reliability

→ [LSR1064-M](#), [LSR1064-ML](#)



### Specifications

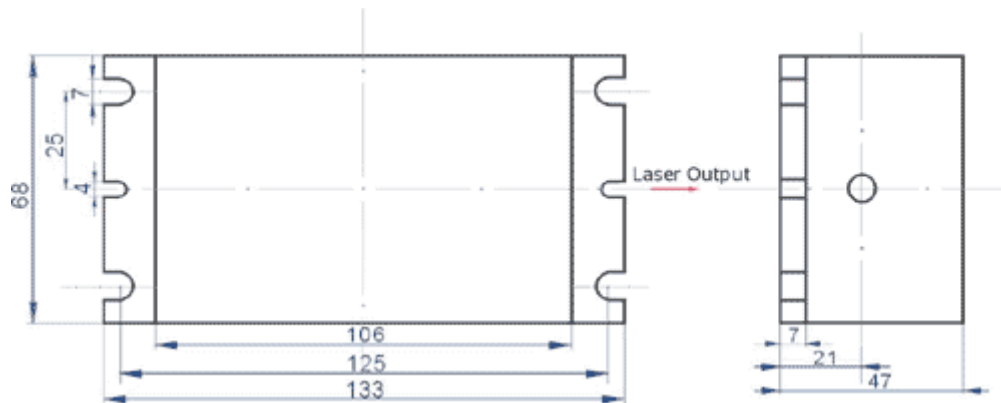
Model No.	LSR1064-U-xxx
Wavelength	1064 nm
Spatial Mode	TEM <sub>00</sub>
Output Power	200, 300,... 1000mW
Operation Current	<2.20 A
Operation Mode	CW or Modulation
Linewidth	<0.1 nm
Polarization	Linear
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e <sup>2</sup> )	1.5 mm
Beam Divergence	1.1 mrad
Power Stability	<3% per 4 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M <sup>2</sup> )	<1.2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF*	5,000 hrs
Dimensions	133(L)x68(W)x47(H)mm
Weight	660g

\*MTTF (mean time to failure) is based on the MTTF rating of 808nm laser diode from the laser diode manufacturer. Lasever Inc. offers one year warranty to the dpss lasers.

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[www.il-photonics.com](http://www.il-photonics.com)

## U Series 1064nm

### Shell drawing



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