

M Series 1064nm

DPSS IR Lasers

LSR1064-M series

→ [LSR1064-ML](#), [LSR1064-U](#)

- ✦ Minimum size
- ✦ Easy use & maintenance free
- ✦ Longlife operation
- ✦ High efficiency
- ✦ High reliability



Specifications

Model No.	LSR1064-M-xxx
Wavelength	1064 nm
Spatial Mode	TEM ₀₀
Output Power	>= xxx(020 to 150) mW
Operation Current	0.30~1.20 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 ²)	0.15 mm (at output aperture)
Beam Divergence	10 mrad
Power Stability*	<3%, per 2 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<1.2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	5,000 hrs
Dimensions	Dia.24x29 mm
Weight	60g

*Enough heat sink should be mounted at the bottom to dispatch heat

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***MTTF(mean tim 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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