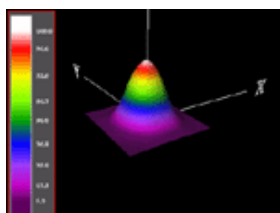


# DPSS 1064nm Single Longitude Mode Infrared Laser



## Specifications:

<b>Model</b>	<b>SDL-1064-SLM-XXXT</b>
<b>Output Power</b>	1-1000mW
<b>Wavelength</b>	1064nm
<b>Operation Mode</b>	CW, TEM <sub>00</sub> , Single Longitude Mode
<b>Beam Diameter at the aperture</b>	~2.0mm
<b>Power Stability after warm-up</b>	<1%, <3%, <5% (over 2/4/8 hours)
<b>Noise of amplitude</b>	<0.5% (rms, 1~20MHz)
<b>Beam Divergence (1/e<sup>2</sup>, Full Angle)</b>	<1.5mrad
<b>Spectra Linewidth</b>	<0.0001nm
<b>Point Stability after warm-up</b>	<0.05mrad
<b>M2 factor</b>	<1.5
<b>Beam height from base plate (mm)</b>	24.8mm
<b>Coherent length (m)</b>	>50M
<b>Dimension of laser head</b>	142 × 73 × 46mm
<b>Power Supply</b>	SDL-PS-300
<b>Input Voltage</b>	90~264VAC, 50/60Hz
<b>Operating Temperature</b>	10°C~35°C
<b>Dimensions of power supply</b>	133 × 130 × 62mm
<b>Warm-up time</b>	<15 minutes
<b>Polarization ratio</b>	>50:1(45 degree)
<b>Expected Lifetime (hours)</b>	10000 hours
<b>Warranty time</b>	1 year