

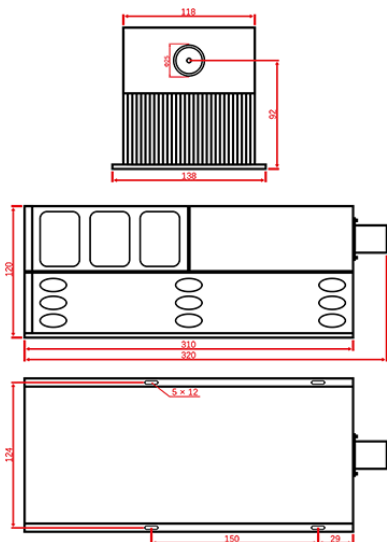
1342nm Infrared DPSS Low Noise Laser



†Specifications

Product Code	SSL - 1342 - XXXX - LN - LED
Wavelength [nm]	1342
Output Power [mW] [0 - Max Adjustable]	4200 - 7000
Transverse Mode	TEM ₀₀ / CW
Operating Temperature [°C]	+10 - +35
Storage Temperatures [°C]	-10 - +45
Warm-up Time [minutes]	< 15
Power Stability [rms, over 4 hours]	5%, 3%, 1%
M ² Factor	< 3.0
Beam Diameter At The Aperture [mm]	~ 3.5
Beam Divergence, Full Angle [mrad]	< 2.0
Spectral Linewidth [nm]	< 0.1
Polarization Ratio	> 100 : 1
Point Stability After Warm-up [mrad]	< 0.05
Noise of Amplitude [rms]	< 1%
Laser Head Dimensions [mm]	320 [L] × 138 [W] × 120 [H]
Power Supply Dimensions [mm]	310 [L] × 165 [W] × 130 [H]
Working Voltage [VAC]	85~245, 50/60Hz
Laser Gross Weight [kg]	10.5
Cooling Way	Cooled by TEC and air
Expected Lifetime [hours]	> 10000
Warranty Time [year]	1

Laser Head Dimension:



Power Supply Dimension:

