



μLINEMAN is a line top-hat laser module designed to achieve uniform illumination in fine, precise areas.



Product Lineup

[coming soon]

Item	1LNA000	1LNB000	1LNG000	1LNE000
Wavelength	405nm	488nm	638nm	561nm
Focal distance	50mm~ 500mm			
Output beam profile	Line top-hat			
Line length @FD=100mm	0.56 mm (FWHM)			
Line Width @FD=100mm	13μm (1/e ²)	10μm (1/e ²)	18μm (1/e ²)	TBD
Output power	max. 140mW	max. 40mW	max. 136mW	max. 40mW
CV ¹⁾ [80% of FWHM]	Typ. 0.03			TBD
Homogeneity ²⁾ [80% of FWHM]	Typ. ±5%			TBD
Power stability	< 2%			TBD
Pointing stability	< 10μrad /°C			TBD
Control mode	ACC / APC			
Operating temperature	-10 °C~50 °C			TBD
Size (Optical head)	25 x 60 x 23 mm			25 x 75 x 23 mm
Size (Control box)	100 x 60 x 30 mm			TBD
DC input voltage	12V			

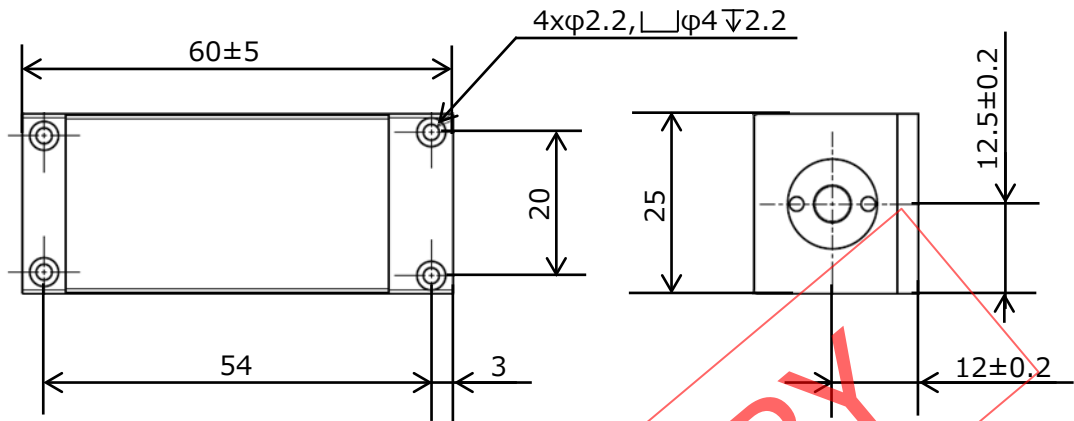
1) CV(coefficient of variation) = (standard deviation)÷(average)

2) Homogeneity = {(intensity.max)–(intensity.min)}÷{(intensity.max)+(intensity.min)}

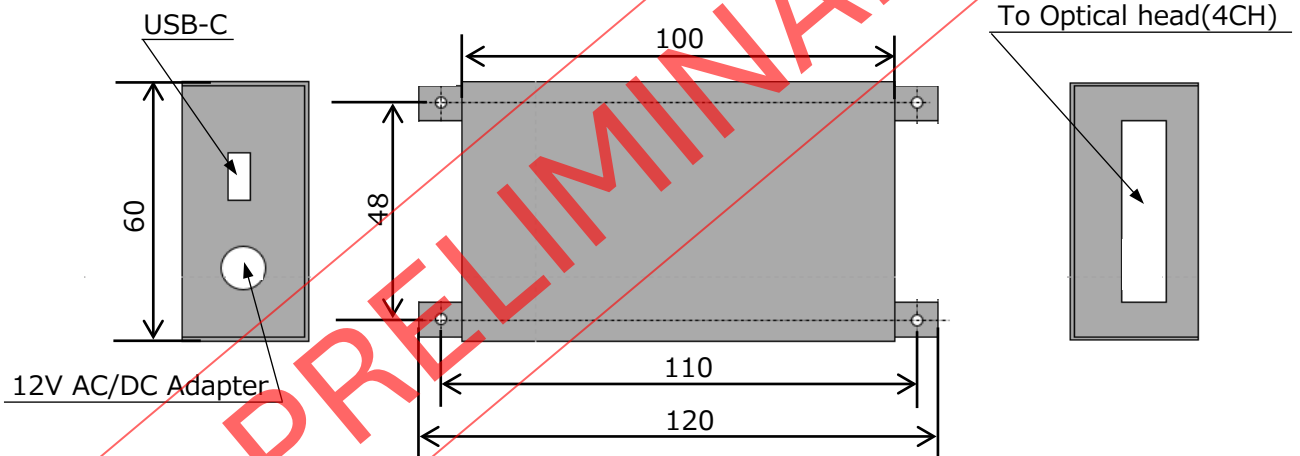


Package Dimension (unit : mm)

Dimension of Optical head :



Dimension of Control box :



GUI Control

- LD On/Off
- Output Power
- APC/ACC Mode
- Temperature
- Operating Current