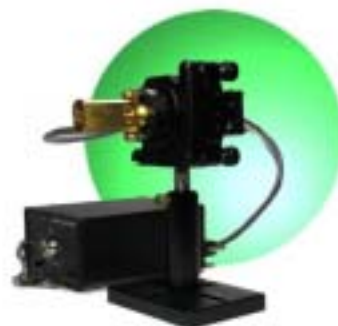




## MiniGreen™ ACIM Series

An air-cooled plug-and-play DPSS laser module with active temperature control and drive electronics packaged for mounting in standard two inch diameter optical mounts. A separate controller box with key-switch, interlock, and emission indicator light is included.



### Features:

- High power stability over a wide ambient temperature range
- Designed for use in Ø2" optical mounts
- Optional 4X, 8X, or 16X beam-expanders available

Optical Specifications <sup>1</sup>	MiniGreen ACIM-100	MiniGreen ACIM-150	MiniGreen ACIM-200
Operating Mode	CW		
Output Center Wavelength (nm)	532		
Output Power (mW)	> 100	> 150	> 200
Ambient Temperature Range (°C)	+ 10 to + 35		
Power Stability over 2 Hours in +/- 2°C Ambient (% p-p)	< +/- 2		
Noise (% RMS)	< 2		
Polarization Ratio <sup>2</sup> (typical)	4:1		
Full Angle (1/e <sup>2</sup> ) Divergence (mrad, typical)	11		
Beam Diameter (1/e <sup>2</sup> ) at Output Window (µm, typical)	120	120	130
Mode Quality (M <sup>2</sup> , typical)	1.6		
Residual 1064nm Leakage (%)	< 0.5		

Electrical Input Requirements	
Input Voltage (V <sub>AC</sub> )	100 - 240
Line Frequency (Hz)	50/60
Electrical Power (W)	<10

Other Specifications	
CDRH Class	IIIB
Warm-up Time (minutes)	< 5
Storage (°C)	- 40 to + 80
Warranty (year)	1

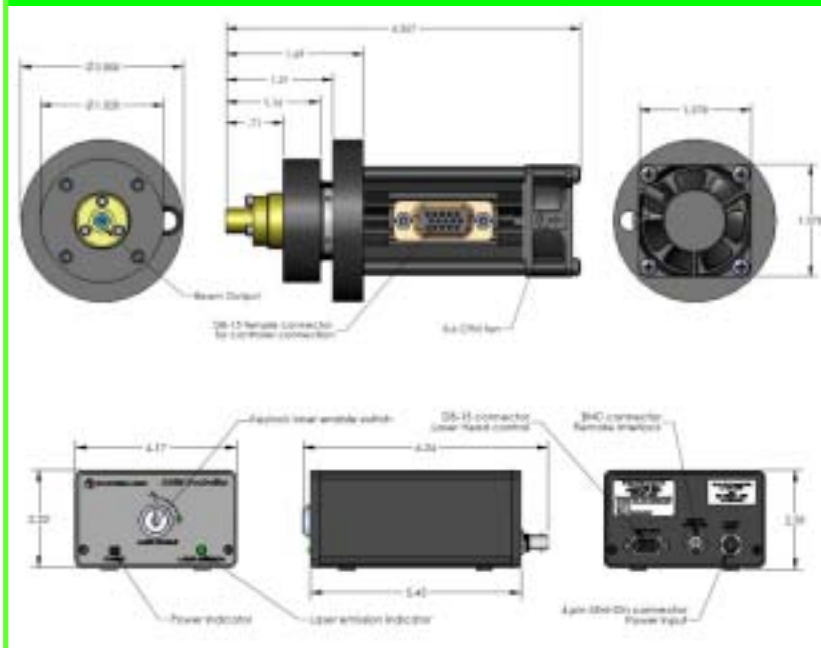
Specifications subject to change without notice. Other notes:

1. All specifications measured at factory-determined laser drive current and TEC temperature settings, chosen within the 20° to 30° C range.

Consult factory to discuss applications requiring TEC settings outside the 20° to 30° C range.

2. More than 100:1 polarization ratio available with optional polarizer.

## Mechanical Specifications



## Notes

Snake Creek Lasers offers a limited warranty.

The MiniGreen™ ACIM laser module is an electronic device, and, as such, subject to damages due to electro-static discharge, overpowering, and transients.

Please refer to Snake Creek Lasers' Warranty Statement / Return Policy for details.

For assistance in any integration issues, please contact our experienced Applications Team at [sales@snakecreeklasers.com](mailto:sales@snakecreeklasers.com)

U.S. and international patents pending.

Class IIIB <500 mW



This product is sold as an OEM laser product and does not fully comply with 21 CFR 1020 and IEC 60825-1 : 1993 as applicable.



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DS-204rev.A