

Model Number: APS-DPSSL-1-532nm-STM-5.6mm-CC

APS 15-50 mW 532 nm MicroGreen DPSSL in Micro- Module

Absolute Maximum Ratings at 25 °C

Item	Ratings	Unit
CW Output Power	15 or 30*	mW
Maximum Operating Current	375	mA
Operating Temperature	+ 15 to 40	Click to add text

* Typically, outputs of > 50 mW can be obtained.

- Simple Integrated Package
- Excellent Heatsinking
- Small Footprint
- Simple Connection With Two Power Leads
- Fixed Collimating Lens
- Lightweight, Rugged
- Precision Machined

Applications: Pointing, Alignment, Illumination



Circular Output Beam With Excellent Beam-Quality and Superior Propagation Characteristics



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Standard MicroGreen Specifications

Item	Value (Typical)	Value (Maximum)	Unit
Operating Mode	CW		
CW Output Power	15 or 30	> 50	mW
Output Wavelength	532		nm
Operating Current (15 mW)	240	360	mA
Operating Current (30 mW)	270	360	
Full Angle (1/e ²) Divergence	7.5		mrad
Beam Diameter at Output Window (1/e ²)	100		μm
Beam-Quality M ²	< 1.1	< 1.2	

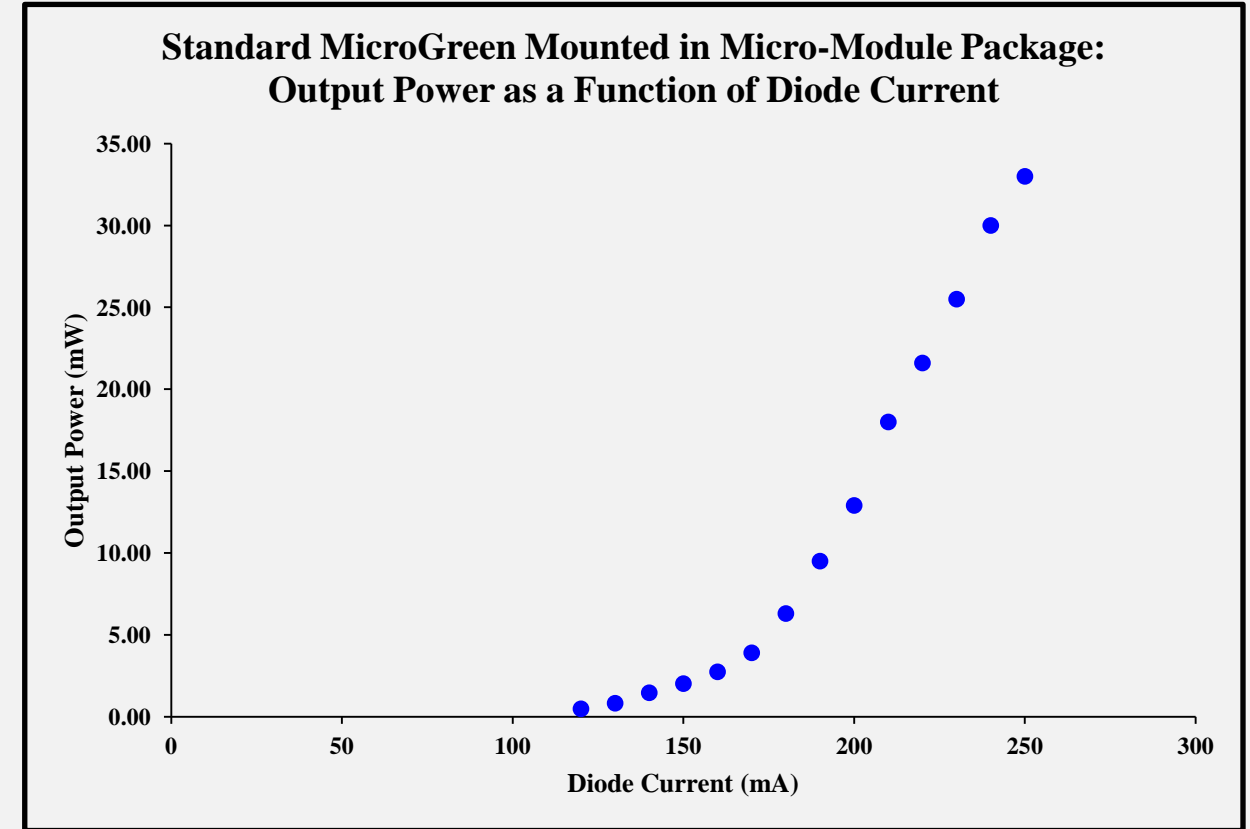
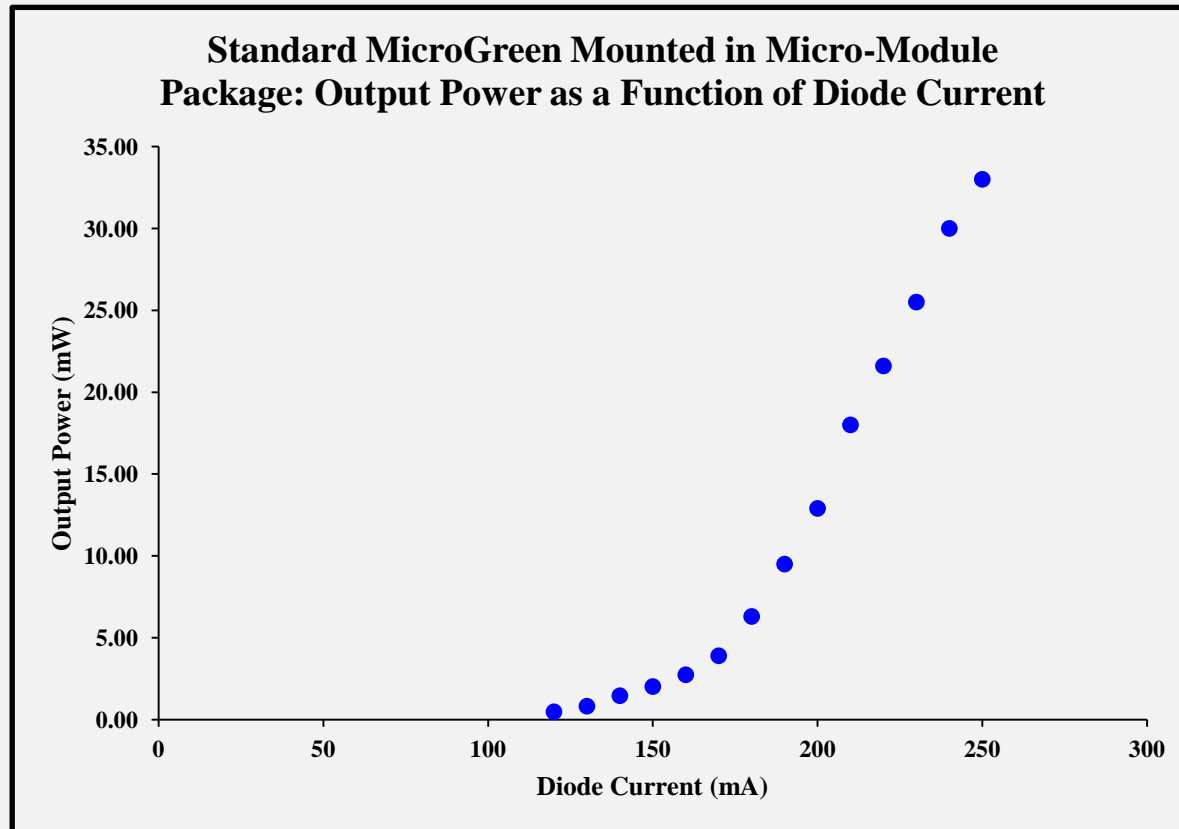
For complete specifications visit our website at www.advancedphotonicsciences.com and download our datasheet.

Advanced Photonics Sciences, LLC. Tel.: 570-553-1120

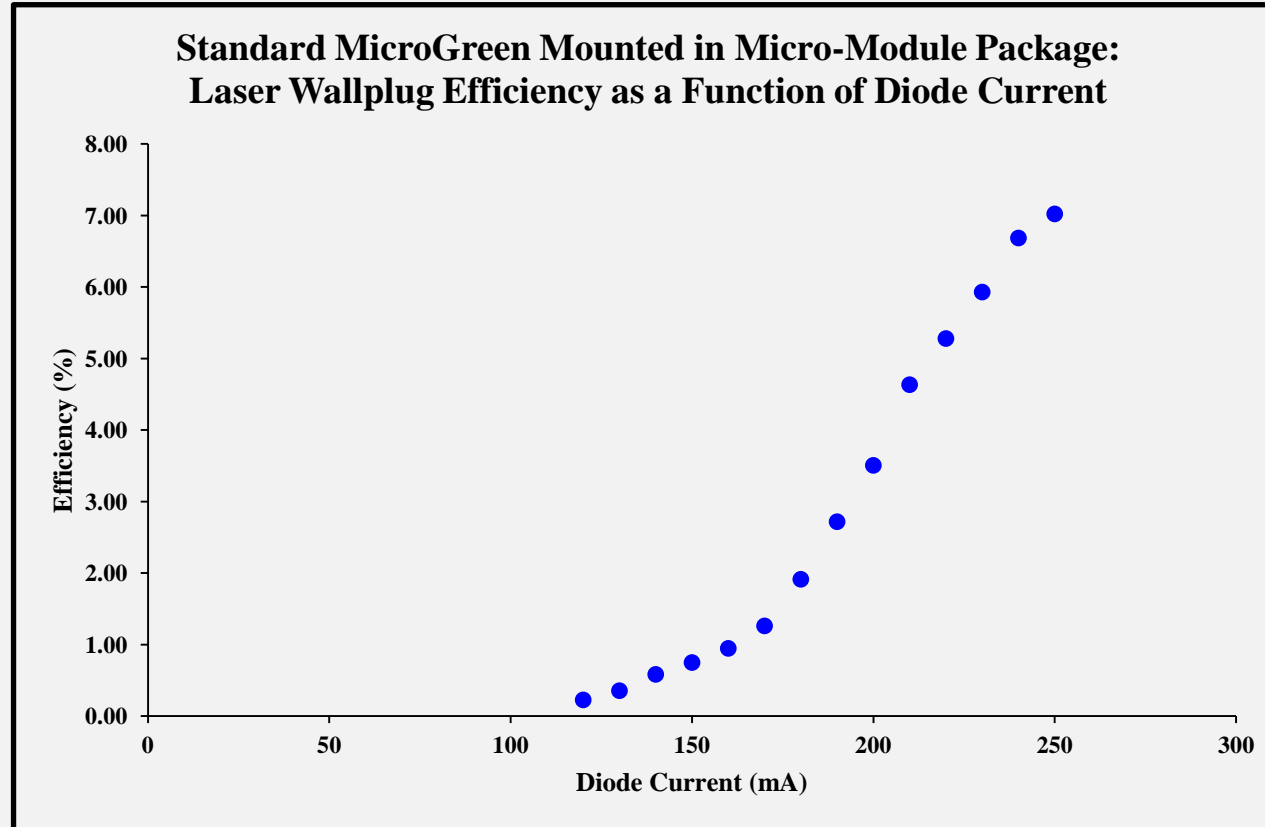
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Module Experimental Data

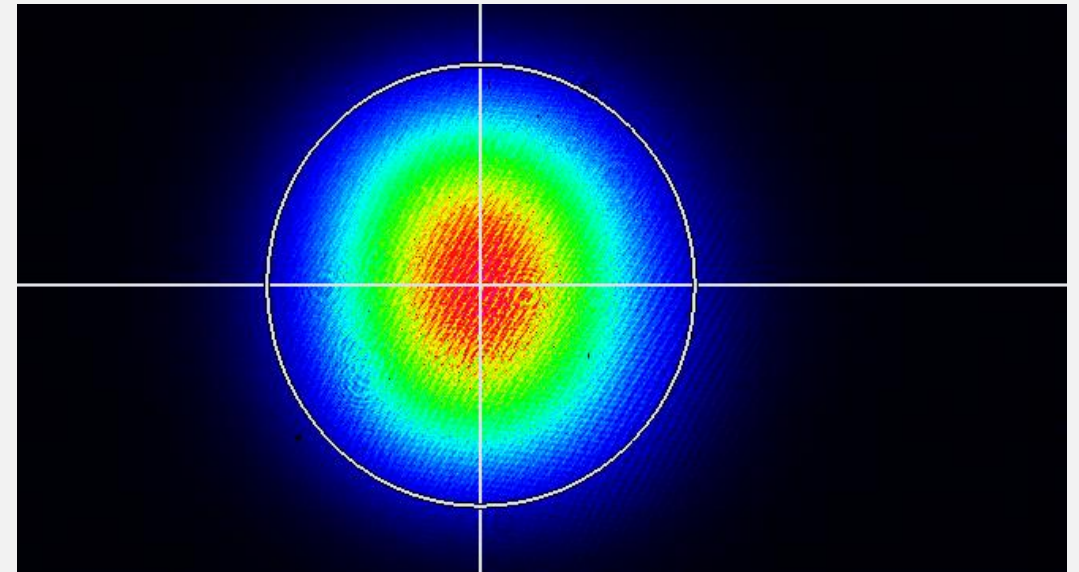
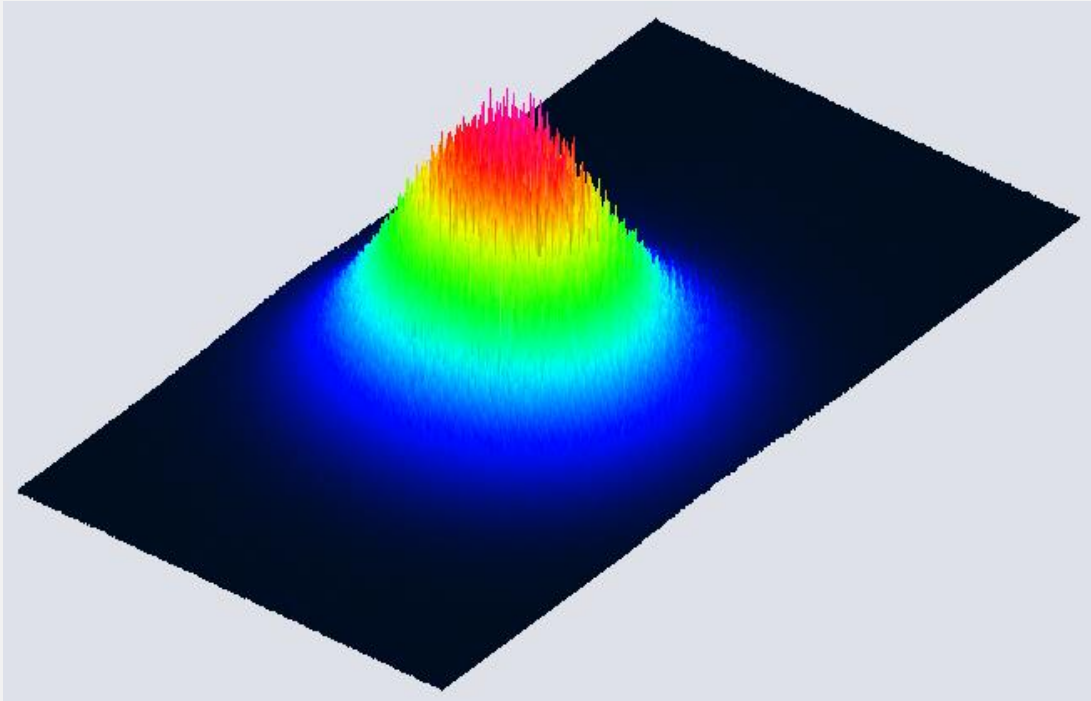


Module Experimental Data



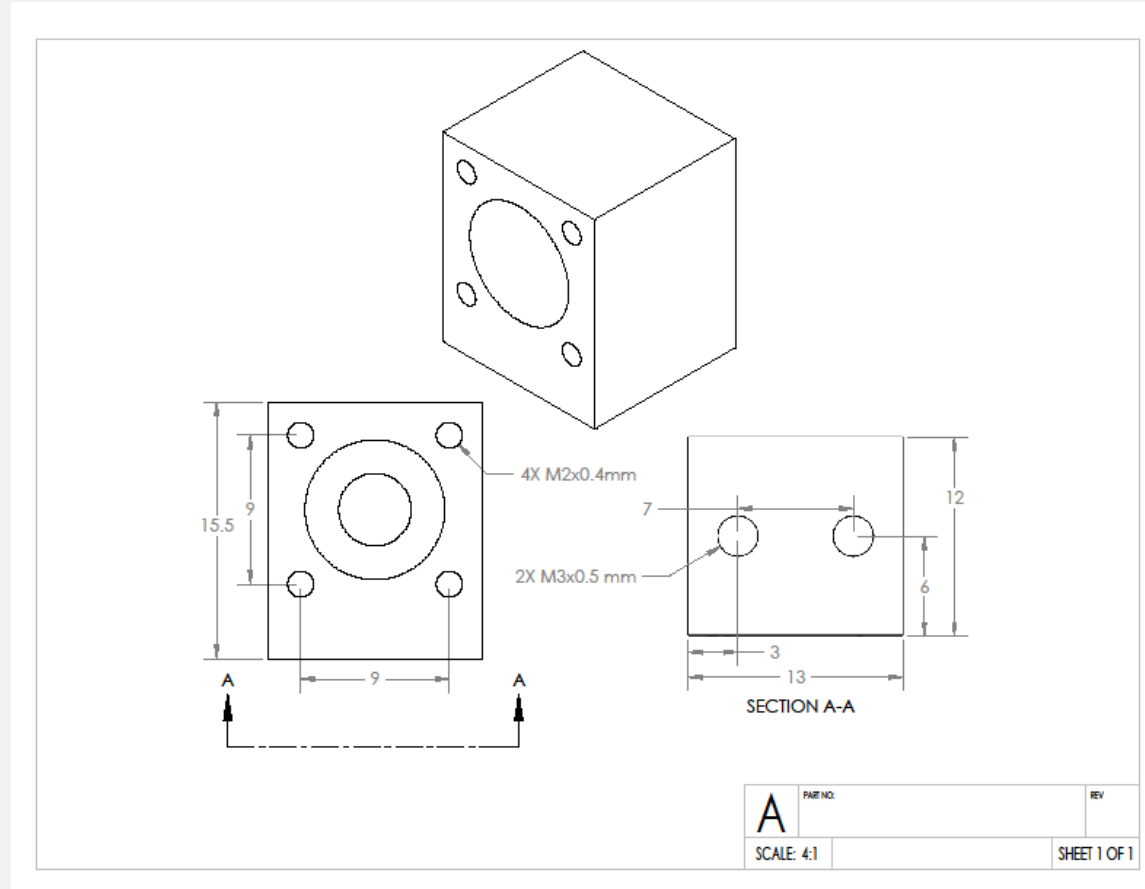
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Output Beam Images From Micro-Module



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Module Dimensions and Mounting Screws





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Laser Safety Warnings

- **This OEM Micro-Module is meant for integration into other systems, and as such is not CDRH compliant.**
- **This Micro-Module is a Class 3B laser product.**
- **Always use laser safety glasses with sufficient Neutral Density at the operating wavelength of 532 nm to protect your eyes.**
- **Skin exposure to this laser product should be avoided.**