



APPLIED SCIENTIFIC  
INSTRUMENTATION

## AMS-AGY Objective

The Calico-invented AMS-AGY objective makes it easy to implement high NA single-objective light-sheet (SOLS) microscopes using a variety of primary objective lenses. SOLS enables fast and gentle imaging using light sheet but with conventional microscope geometry and sample mounting.

ASI's modular optomechanic components including our RAMM and MIM systems make it easy to implement complete SOLS microscopes.

SPECIFICATION	VALUE
Numerical Aperture	1.0
Effective Focal Length	5 mm
Working Distance	0.0 mm
Chromatic Correction	450 – 700 nm
Field (diffraction-limited)	150 $\mu\text{m}$ $\varnothing$
Field (bevel-limited)	250 $\mu\text{m}$ $\varnothing$



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## Single-Objective Light-Sheet Diagram

