

LightPath 355561 | 15mm Dia., 0.60 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#37-107** **20+ In Stock**

[Other Coating Options](#)

-

1

+

S\$119^{.00}

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Volume Pricing	
Qty 1-10	S\$119.00 each
Qty 11-49	S\$107.10 each
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SPECIFICATIONS

General

355561

Lightpath Lens Code:

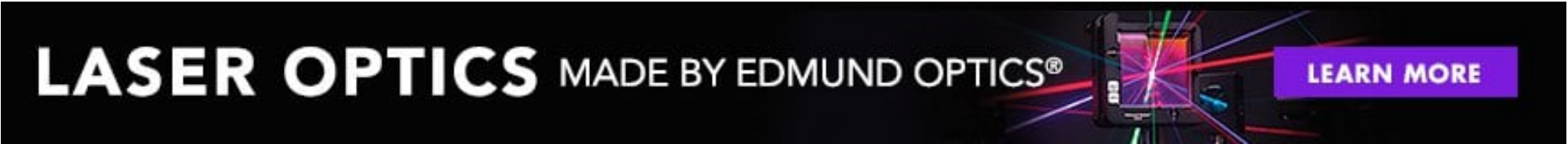
Type:

Aspheric Lens	
Typical Applications: Collimate or Focus Laser Light	
Physical & Mechanical Properties	
Diameter (mm):	15.00 ±0.015
Clear Aperture CA (mm):	12.5
Edge Thickness ET (mm):	2.56
Center Thickness CT (mm):	5.38 ±0.05
Bevel:	Protective as needed
Optical Properties	
Effective Focal Length EFL (mm):	10.00 @ 850nm
Numerical Aperture NA:	0.6
Substrate: ☐	D-ZLaF52LA
Focal Length Tolerance (%):	±1
Aspheric Design Wavelength (nm):	850
Coating:	BBAR (1050-1600nm)
Coating Specification:	R _{abs} <1.0% @ 1050 - 1600nm
Surface Quality:	60-40
f/#:	0.83
Wavelength Range (nm):	1050 - 1600
Working Distance (mm):	7
Conjugate Distance:	Infinite
Transmitted Wavefront Error (λ, RMS):	< 0.40
Environmental & Durability Factors	
Operating Temperature (°C):	≤200
Regulatory Compliance	
RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 247:	Compliant

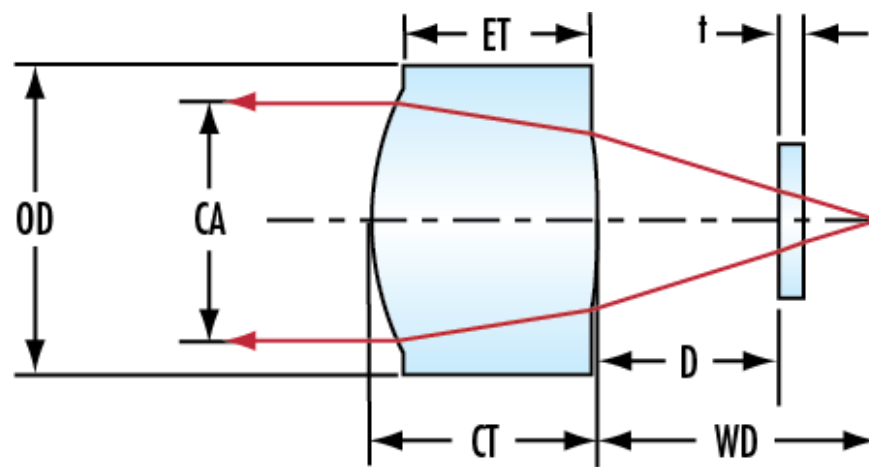
PRODUCT DETAILS

- Eliminate Spherical Aberration
- Multiple Coating Options Available
- Range of Numerical Apertures

LightPath® Geltech™ Molded Aspheric Lenses are used to eliminate spherical aberration and improve focusing and collimating accuracy in a variety of laser applications. Low NA aspheric lenses are designed to maintain beam shape, while high NA lenses gather all available light to maintain beam power over long distances. LightPath® Geltech™ Molded Aspheric Lenses are ideal for applications including sighting systems, bar code scanners, laser diode-to-fiber coupling, optical data storage, or biomedical lasers.



TECHNICAL INFORMATION



COMPATIBLE MOUNTS