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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

+

€85⁰⁰

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Volume Pricing	
Qty 1-10	€85,00 each
Qty 11-49	€76,50 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Lightpath Lens Code:

355561

Type:

Aspheric Lens

Typical Applications:

Collimate or Focus Laser Light

Physical & Mechanical Properties	
15.00 ±0.015	Diameter (mm):
12.5	Clear Aperture CA (mm):
2.56	Edge Thickness ET (mm):
5.38 ±0.05	Center Thickness CT (mm):

Protective as needed	Bevel:
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Optical Properties	
10.00 @ 850nm	Effective Focal Length EFL (mm):
0.6	Numerical Aperture NA:
D-ZLaF52LA	Substrate: □
±1	Focal Length Tolerance (%):
850	Aspheric Design Wavelength (nm):
BBAR (1050-1600nm)	Coating:
R _{abs} <1.0% @ 1050 - 1600nm	Coating Specification:
60-40	Surface Quality:
0.83	f/#:
1050 - 1600	Wavelength Range (nm):
7	Working Distance (mm):
Infinite	Conjugate Distance:
< 0.40	Transmitted Wavefront Error (λ, RMS):

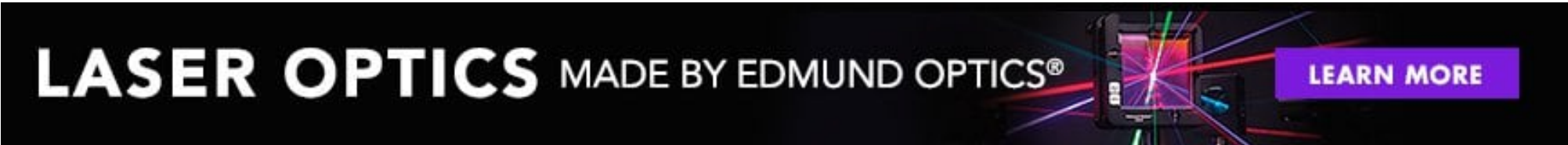
Environmental & Durability Factors	
≤200	Operating Temperature (°C):

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

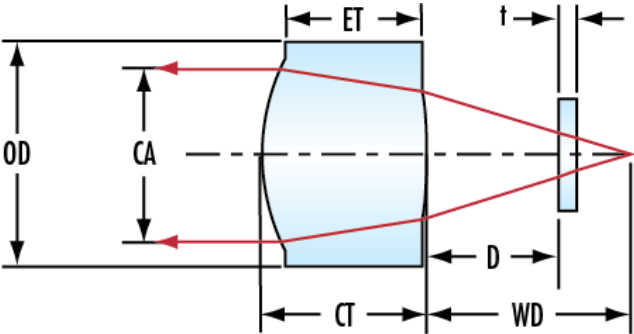
Product Details

- 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
