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LightPath 355561 | 15mm Dia., 0.60 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#37-106** **16 In Stock**

[Other Coating Options](#)

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1

+

C\$119⁰⁰

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Volume Pricing	
Qty 1-10	C\$119.00 each
Qty 11-49	C\$107.10 each
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General

355561

Lightpath Lens Code:

Aspheric Lens

Type:

Collimate or Focus Laser Light

Typical Applications:

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:

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 (600-1050nm)	Coating:
R _{abs} <1.0% @ 600 - 1050nm	Coating Specification:
60-40	Surface Quality:
0.83	f/#:
600 - 1050	Wavelength Range (nm):
7	Working Distance (mm):
Infinite	Conjugate Distance:
< 0.40	Transmitted Wavefront Error (λ, RMS):

Environmental & Durability Factors

≤200	Operating Temperature (°C):
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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