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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

+

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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Product Downloads

General

355561

Lightpath Lens Code:

Aspheric Lens

Type:

Collimate or Focus Laser Light

Typical Applications:

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

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