

LightPath 355110 | 7.2mm Dia., 0.40 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#87-127** **16 In Stock**

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₹8,415

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Qty 1-10	₹8,415 each
Qty 11-49	₹7,380 each
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SPECIFICATIONS

General

Thickness: 0.28 (t) (mm)
Material: BK7

Compatible Window:

355110	Lightpath Lens Code:
Aspheric Lens	Type:
Collimate or Focus Laser Light	Typical Applications:
Physical & Mechanical Properties	
7.20 ±0.020	Diameter (mm):
5	Clear Aperture CA (mm):
4.25	Edge Thickness ET (mm):
5.16 ±0.05	Center Thickness CT (mm):
Protective as needed	Bevel:
2.682	Distance from Window to Lens (D) (mm):
Optical Properties	
6.24 @780nm	Effective Focal Length EFL (mm):
0.4	Numerical Aperture NA:
D-ZLaF52LA	Substrate: □
±1	Focal Length Tolerance (%):
780	Aspheric Design Wavelength (nm):
BBAR (1050-1600nm)	Coating:
R _{abs} <1.0% @ 1050 - 1600nm	Coating Specification:
40-20	Surface Quality:
1.25	f/#:
1050 - 1600	Wavelength Range (nm):
3.5	Working Distance (mm):
Infinite	Conjugate Distance:
< 0.07	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.

LASER OPTICS

MADE BY EDMUND OPTICS®



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TECHNICAL INFORMATION

