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LightPath 357300 | 4mm Dia., 0.70 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#71-003** [CONTACT US](#)

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1

+

€109^{.00}

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Volume Pricing	
Qty 1-10	€109,00 each
Qty 11-49	€98,00 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
0.25mm thick BK7	Compatible Window:
357300	Lightpath Lens Code:
Aspheric Lens	Type:
Typical Applications:	

Collimate or Focus Laser Light	
Physical & Mechanical Properties	
4.00 ±0.015	Diameter (mm):
3.6	Clear Aperture CA (mm):
0.822	Edge Thickness ET (mm):
1.84 +/- 0.02	Center Thickness CT (mm):
Protective as needed	Bevel:
Optical Properties	
2.50 @ 405nm	Effective Focal Length EFL (mm):
0.70	Numerical Aperture NA:
D-LaK6	Substrate: □
±1	Focal Length Tolerance (%):
405	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:
R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:
0.625	f/#:
350 - 700	Wavelength Range (nm):
1.6	Working Distance (mm):
Infinite	Conjugate Distance:
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

