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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 **20+ In Stock**

⊖ 1 ⊕ **S\$152^{.00}**

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Volume Pricing	
Qty 1-10	S\$152.60 each
Qty 11-49	S\$137.20 each
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Product Downloads

General

0.25mm thick BK7
Compatible Window:

357300
Lightpath Lens Code:

Aspheric Lens
Type:

Collimate or Focus Laser Light
Typical Applications:

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: <input type="checkbox"/>
±1	Focal Length Tolerance (%):
405	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:
$R_{avg} \leq 0.5\% @ 350 - 700nm$	Coating Specification:
40-20	Surface Quality:
0.625	f#:
350 - 700	Wavelength Range (nm):
1.6	Working Distance (mm):
Infinite	Conjugate Distance:

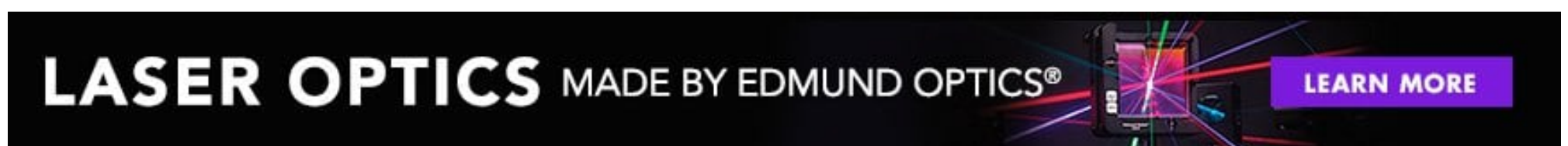
Regulatory Compliance

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

