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LightPath 354061 | 6.33mm Dia., 0.24 NA, BBAR (350-700nm), Molded Aspheric Lens

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Stock **#83-701** 20+ In Stock

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1

+

A\$120⁰⁰

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Volume Pricing	
Qty 1-10	A\$120.00 each
Qty 11-49	A\$108.00 each
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Product Downloads

General	
354061	Lightpath Lens Code:
Aspheric Lens	Type:

Physical & Mechanical Properties

6.33 ±0.015	Diameter (mm):
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5.20	Clear Aperture CA (mm):
1.64	Edge Thickness ET (mm):
2.43 ±0.05	Center Thickness CT (mm):

Protective as needed	Bevel:
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Optical Properties

11.00 @ 633nm	Effective Focal Length EFL (mm):
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0.24	Numerical Aperture NA:
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D-ZK3	Substrate: □
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±1	Focal Length Tolerance (%):
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633	Aspheric Design Wavelength (nm):
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BBAR (350-700nm)	Coating:
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R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
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60-40	Surface Quality:
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2.08	f#:
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350 - 700	Wavelength Range (nm):
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9.600	Working Distance (mm):
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Infinite	Conjugate Distance:
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< 0.178	Transmitted Wavefront Error (λ, RMS):
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Regulatory Compliance

Compliant	RoHS 2015:
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View	Certificate of Conformance:
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Compliant	Reach 247:
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Product Details

- Compact, Molded Aspheric Lens Design
- Improved Performance Compared to Doublet and Triplet Lenses
- Ideal for Laser Tools and Measurement Systems

LightPath® Laser Tool Molded Aspheric Lenses are designed to fulfill the needs of a variety of tools and measurement systems utilizing laser diodes, including leveling lasers, projectors, scanners, trackers, and gun sights. By utilizing a single aspheric lens, the need for a multi-lens system is eliminated, allowing for a more compact and robust design. Each aspheric lens is offered with various anti-reflection coatings for optimum transmission in the visible and NIR wavelength ranges. LightPath® Laser Tool Molded Aspheric Lenses' anti-reflection coating options for each lens provides <1% average reflection over the entire design wavelength range. The lenses are offered in four different diameters: 3mm, 4.70mm, 6mm, and 6.33mm.

