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LightPath 354064 | 6mm Dia., 0.24 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#37-111** [CONTACT US](#)

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+

A\$120^{.00}

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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	
Thickness: 0.25 (t) (mm) Material: BK7	Compatible Window:
354064	Lightpath Lens Code:
Aspheric Lens	Type:
Collimate or Focus Laser Light	Typical Applications:

Physical & Mechanical Properties	
6.00 ±0.015	Diameter (mm):
5.2	Clear Aperture CA (mm):
2.59	Edge Thickness ET (mm):
3.10 ±0.05	Center Thickness CT (mm):
Protective as needed	Bevel:
8.706	Distance from Window to Lens (D) (mm):

Optical Properties	
11.00 @ 633nm	Effective Focal Length EFL (mm):
0.24	Numerical Aperture NA:
D-ZK3	Substrate: ☐
±1	Focal Length Tolerance (%):
633	Aspheric Design Wavelength (nm):
BBAR (1050-1600nm)	Coating:
R _{abs} <1.0% @ 1050 - 1600nm	Coating Specification:
80-50	Surface Quality:
2.50	f/#:
1050 - 1600	Wavelength Range (nm):
9.3	Working Distance (mm):
Infinite	Conjugate Distance:
< 0.09	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.



Technical Information



Compatible Mounts
