

LightPath 354120 | 4.99mm Dia., 0.15 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#16-689** **20+ In Stock**

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1

+

£68^{.00}

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Volume Pricing	
Qty 1-10	£68.00 each
Qty 11-49	£61.20 each
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ⓘ Prices shown are exclusive of VAT/local taxes

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SPECIFICATIONS

General

354120Lightpath Lens Code:

Aspheric Lens	Type:
Collimate or Focus Laser Light	Typical Applications:
Physical & Mechanical Properties	
4.99 ±0.015	Diameter (mm):
4.5	Clear Aperture CA (mm):
2.61	Edge Thickness ET (mm):
2.92 ±0.03	Center Thickness CT (mm):
Protective as needed	Bevel:
Optical Properties	
15.04 @ 670nm	Effective Focal Length EFL (mm):
0.15	Numerical Aperture NA:
D-ZK3	Substrate: 
±1	Focal Length Tolerance (%):
670	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:
R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:
3.33	f/#:
350 - 700	Wavelength Range (nm):
13.19	Working Distance (mm):
Infinite	Conjugate Distance:
<0.076	Transmitted Wavefront Error (λ, RMS):
Environmental & Durability Factors	
≤200	Operating Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

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

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TECHNICAL INFORMATION

