

LightPath 354525 | 6.65mm Dia., 0.44 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#19-702** **20+ In Stock**

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1

+

£71^{.20}

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Volume Pricing	
Qty 1-10	£71.20 each
Qty 11-49	£64.00 each
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SPECIFICATIONS

General

Compatible Window:

Thickness: 0.25 (t) (mm) Material: BK7

354525	Lightpath Lens Code:
Collimate or Focus Laser Light	Typical Applications:
Physical & Mechanical Properties	
6.65 ±0.015	Diameter (mm):
5.75	Clear Aperture CA (mm):
1.82	Edge Thickness ET (mm):
3.02 ±0.03	Center Thickness CT (mm):
Protective as needed	Bevel:
4.25	Distance from Window to Lens (D) (mm):
Optical Properties	
6.70 @515nm	Effective Focal Length EFL (mm):
0.44	Numerical Aperture NA:
D-ZK3	Substrate: □
±1	Focal Length Tolerance (%):
BBAR (600-1050nm)	Coating:
R _{abs} <1.0% @ 600 - 1050nm	Coating Specification:
60-40	Surface Quality:
1.01	f/#:
600 - 1050	Wavelength Range (nm):
4.9	Working Distance (mm):
Infinite	Conjugate Distance:
<0.05	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

