

LightPath 353515 | 3mm Dia., 0.40 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#16-684** 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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Product Downloads

General	
Compatible Window:	
Thickness: 0.25 (t) (mm) Material: BK7	
Lightpath Lens Code:	
353515	
Type:	
Aspheric Lens	
Typical Applications:	

Collimate or Focus Laser Light

Physical & Mechanical Properties

3.00 ±0.015	Diameter (mm):
2.7	Clear Aperture CA (mm):
1.30	Edge Thickness ET (mm):
1.91 ±0.03	Center Thickness CT (mm):
Protective as needed	Bevel:

Optical Properties

3.52 @ 515nm	Effective Focal Length EFL (mm):
0.40	Numerical Aperture NA:
H-FK61	Substrate: ☐
±1	Focal Length Tolerance (%):
515	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:
R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:
1.25	f/#:
350 - 700	Wavelength Range (nm):
2.3	Working Distance (mm):
Infinite	Conjugate Distance:
<0.040	Transmitted Wavefront Error (λ, RMS):

Environmental & Durability Factors

≤200	Operating Temperature (°C):
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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.

LASER OPTICS

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Technical Information



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