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LightPath 353215 | 4mm Dia., 0.30 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock #71-004 **20+ In Stock**

⊖ 1 ⊕ £95⁰⁰

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Volume Pricing	
Qty 1-10	£95.20 each
Qty 11-49	£85.60 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

355215 **Lightpath Lens Code:**

Aspheric Lens **Type:**

Collimate or Focus Laser Light **Typical Applications:**

Physical & Mechanical Properties

4.00 ±0.015	Diameter (mm):
3.5	Clear Aperture CA (mm):
2.284	Edge Thickness ET (mm):
2.80 +/-0.025	Center Thickness CT (mm):
Protective as needed	Bevel:

Optical Properties

6.20 @ 520nm	Effective Focal Length EFL (mm):
0.30	Numerical Aperture NA:
H-FK61M	Substrate: <input type="checkbox"/>
±1	Focal Length Tolerance (%):
520	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:
$R_{avg} \leq 0.5\%$ @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:
1.55	f#:
350 - 700	Wavelength Range (nm):
4.33	Working Distance (mm):
Infinite	Conjugate Distance:

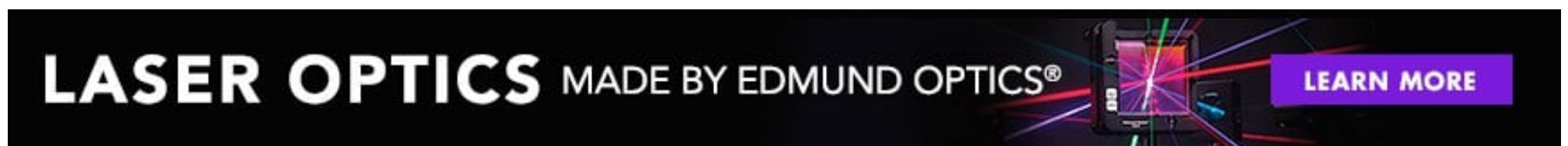
Regulatory Compliance

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

