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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 ⊕ €119<sup>00</sup>

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Volume Pricing	
Qty 1-10	€119,00 each
Qty 11-49	€107,00 each
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**i** 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	<b>Diameter (mm):</b>
3.5	<b>Clear Aperture CA (mm):</b>
2.284	<b>Edge Thickness ET (mm):</b>
2.80 +/-0.025	<b>Center Thickness CT (mm):</b>
Protective as needed	<b>Bevel:</b>

## Optical Properties

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

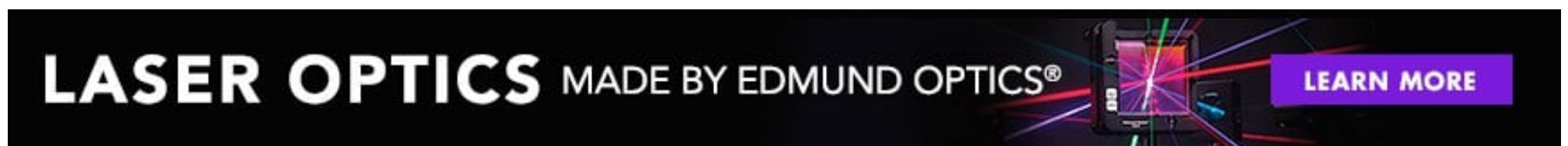
## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

## 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

