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# LightPath 354525 | 6.65mm Dia., 0.44 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#19-701** **20+ In Stock**

⊖ 1 ⊕ £71<sup>00</sup>

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**General**

**Compatible Window:**  
Thickness: 0.25 (t) (mm) Material: BK7

**Lightpath Lens Code:**  
354525

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

## 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 (350-700nm) **Coating:**

$R_{avg} \leq 0.5\%$  @ 350 - 700nm **Coating Specification:**

60-40 **Surface Quality:**

1.01 **f#:**

350 - 700 **Wavelength Range (nm):**

4.9 **Working Distance (mm):**

Infinite **Conjugate Distance:**

<0.05 **Transmitted Wavefront Error ( $\lambda$ , 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.

**LASER OPTICS** MADE BY EDMUND OPTICS®

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**Technical Information**

