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# 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**

⊖ 1 ⊕ A\$142<sup>00</sup>

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Volume Pricing	
Qty 1-10	A\$142.40 each
Qty 11-49	A\$128.00 each
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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	<b>Diameter (mm):</b>
5.75	<b>Clear Aperture CA (mm):</b>
1.82	<b>Edge Thickness ET (mm):</b>
3.02 ±0.03	<b>Center Thickness CT (mm):</b>
Protective as needed	<b>Bevel:</b>
4.25	<b>Distance from Window to Lens (D) (mm):</b>

## Optical Properties

6.70 @515nm	<b>Effective Focal Length EFL (mm):</b>
0.44	<b>Numerical Aperture NA:</b>
<b>D-ZK3</b>	<b>Substrate:</b> □
±1	<b>Focal Length Tolerance (%):</b>
BBAR (600-1050nm)	<b>Coating:</b>
R <sub>abs</sub> <1.0% @ 600 - 1050nm	<b>Coating Specification:</b>
60-40	<b>Surface Quality:</b>
1.01	<b>f#:</b>
600 - 1050	<b>Wavelength Range (nm):</b>
4.9	<b>Working Distance (mm):</b>
Infinite	<b>Conjugate Distance:</b>
<0.05	<b>Transmitted Wavefront Error (λ, RMS):</b>

## Environmental & Durability Factors

≤200	<b>Operating Temperature (°C):</b>
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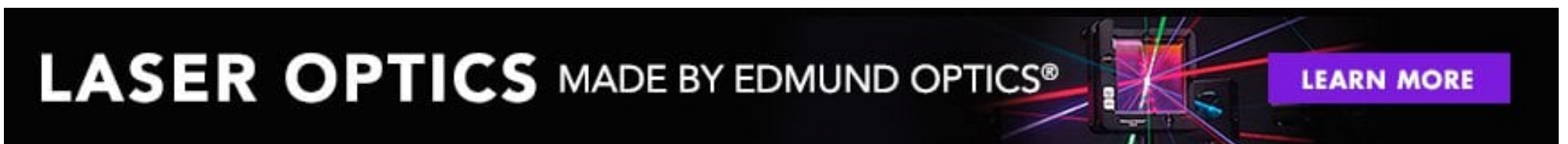
## Regulatory Compliance

<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

