

[See all 75 Products in Family](#)

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

See More by [Lightpath®](#)



Precision Molded Aspheric Lenses

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

⊖ 1 ⊕ €89.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-10	€89,00 each
Qty 11-49	€80,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

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} ≤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 (λ, 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®

LEARN MORE

Technical Information

