

# LightPath 354240 | 9.94mm Dia., 0.50 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock #37-104 10 TO 12 DAYS

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⊖ 1 ⊕

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**Diameter (mm):**  
9.94 ±0.015

**Effective Focal Length EFL (mm):**  
8.00 @780nm

**Numerical Aperture NA:**

0.5

**Substrate:**

[D-ZK3](#)

**Focal Length Tolerance (%):**

±1

**Aspheric Design Wavelength (nm):**

780

**Coating:**

BBAR (1050-1600nm)

**Coating Specification:**

R<sub>abs</sub> <1.0% @ 1050 - 1600nm

**Surface Quality:**

40-20

**Clear Aperture CA (mm):**

8

**Edge Thickness ET (mm):**

1.44

**Center Thickness CT (mm):**

3.43 ±0.05

**f#:**

1.00

**Bevel:**

Protective bevel as needed

**Compatible Window:**

Thickness: 0.25 (t) (mm)

Material: BK7

**Distance from Window to Lens (D) (mm):**

4.911

**Lightpath Lens Code:**

354240

**Operating Temperature (°C):**

≤200

**Type:**

Aspheric Lens

**Wavelength Range (nm):**

1050 - 1600

**Typical Applications:**

Collimate or Focus Laser Light

**Working Distance (mm):**

5.9

**Conjugate Distance:**

Infinite

## Regulatory Compliance

**RoHS 2015:**

[Compliant](#)

**Certificate of Conformance:**

[View](#)

**Reach 240:**

[Compliant](#)