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LightPath 355561 | 15mm Dia., 0.60 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#37-105** [CONTACT US](#)

[Other Coating Options](#)

⊖ 1 ⊕ **A\$136⁰⁰**

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| Volume Pricing | |
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| Qty 1-10 | A\$136.00 each |
| Qty 11-49 | A\$122.40 each |
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Product Downloads

General

355561 **Lightpath Lens Code:**

Aspheric Lens **Type:**

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

Physical & Mechanical Properties

| | |
|----------------------|----------------------------------|
| 15.00 ±0.015 | Diameter (mm): |
| 12.5 | Clear Aperture CA (mm): |
| 2.56 | Edge Thickness ET (mm): |
| 5.38 ±0.05 | Center Thickness CT (mm): |
| Protective as needed | Bevel: |

Optical Properties

| | |
|------------------------------------|---|
| 10.00 @ 850nm | Effective Focal Length EFL (mm): |
| 0.60 | Numerical Aperture NA: |
| D-ZLaF52LA | Substrate: <input type="checkbox"/> |
| ±1 | Focal Length Tolerance (%): |
| 850 | Aspheric Design Wavelength (nm): |
| BBAR (350-700nm) | Coating: |
| $R_{avg} \leq 0.5\%$ @ 350 - 700nm | Coating Specification: |
| 60-40 | Surface Quality: |
| 0.83 | f#: |
| 350 - 700 | Wavelength Range (nm): |
| 7 | Working Distance (mm): |
| Infinite | Conjugate Distance: |
| < 0.40 | Transmitted Wavefront Error (λ, RMS): |

Environmental & Durability Factors

| | |
|------|------------------------------------|
| ≤200 | Operating Temperature (°C): |
|------|------------------------------------|

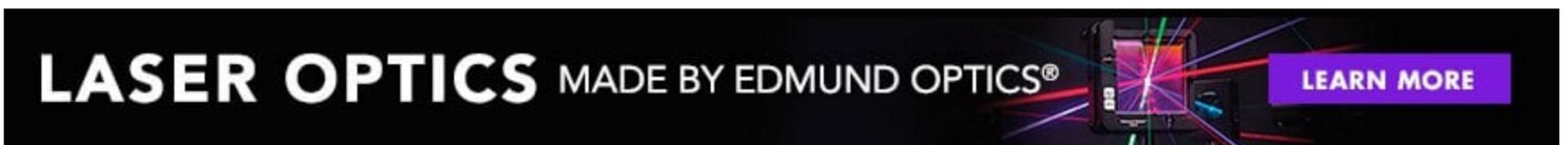
Regulatory Compliance

| | |
|---------------------------|------------------------------------|
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 247: |

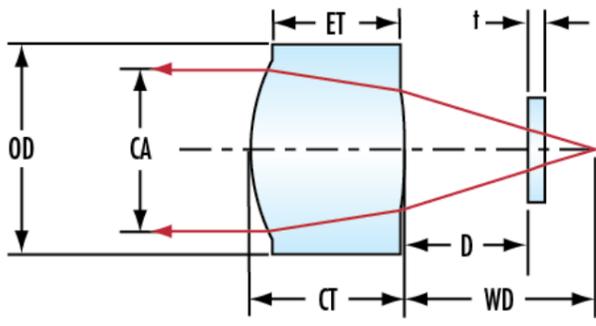
Product Details

- 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.



Technical Information



Compatible Mounts
