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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** **11 In Stock**

[Other Coating Options](#)

- 1 + MRP ₹8,576

Price inclusive of all taxes

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | ₹8,576 each                   |
| Qty 11-49      | ₹7,718 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

355561 **Lightpath Lens Code:**

Aspheric Lens **Type:**

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

## Physical & Mechanical Properties

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

## Optical Properties

|                                    |   |
|------------------------------------|---|
| 10.00 @850nm                       | <b>Effective Focal Length EFL (mm):</b>                         |
| 0.60                               | <b>Numerical Aperture NA:</b>                                   |
| <a href="#">D-ZLaF52LA</a>         | <b>Substrate:</b> <input type="checkbox"/>                      |
| ±1                                 | <b>Focal Length Tolerance (%):</b>                              |
| 850                                | <b>Aspheric Design Wavelength (nm):</b>                         |
| BBAR (350-700nm)                   | <b>Coating:</b>   |
| $R_{avg} \leq 0.5\%$ @ 350 - 700nm | <b>Coating Specification:</b>                                   |
| 60-40                              | <b>Surface Quality:</b>   |
| 0.83                               | <b>f#:</b>  |
| 40.79                              | <b>Abbe Number (<math>v_d</math>):</b>                          |
| 1.806                              | <b>Index of Refraction (<math>n_d</math>):</b>                  |
| 350 - 700                          | <b>Wavelength Range (nm):</b>                                   |
| 7                                  | <b>Working Distance (mm):</b>                                   |
| Infinite                           | <b>Conjugate Distance:</b>                                      |
| 850.00                             | <b>Focal Length Specification Wavelength (nm):</b>              |
| < 0.40                             | <b>Transmitted Wavefront Error (<math>\lambda</math>, RMS):</b> |

## Material Properties

|     |  |
|-----|--|
| 6.9 | <b>Coefficient of Thermal Expansion CTE (<math>10^{-6}/^{\circ}\text{C}</math>):</b> |
|-----|--|

## Environmental & Durability Factors

|      |   |
|------|---|
| ≤200 | <b>Operating Temperature (<math>^{\circ}\text{C}</math>):</b> |
|------|---|

## 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>                  |
| China   | <b>Country of Origin:</b>          |
| Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91- 80-6845 0000 | <b>Imported By:</b>                |

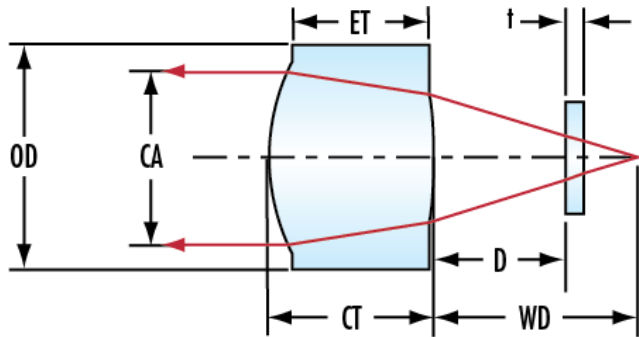
## Product Details

- 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



## Compatible Mounts