

[See all 77 Products in Family](#)

# LightPath 357300 | 4mm Dia., 0.70 NA, BBAR (350-700nm), Molded Aspheric Lens

See More by [Lightpath®](#)



Precision Molded Aspheric Lenses

Stock **#71-003** 20+ In Stock

-

1

+

A\$174<sup>.40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | A\$174.40 each                |
| Qty 11-49      | A\$156.80 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                        |                       |
|--------------------------------|-----------------------|
| 0.25mm thick BK7               | Compatible Window:    |
| 357300                         | Lightpath Lens Code:  |
| Aspheric Lens                  | Type:                 |
| Collimate or Focus Laser Light | Typical Applications: |

| Physical & Mechanical Properties     |                                  |
|--------------------------------------|----------------------------------|
| 4.00 ±0.015                          | Diameter (mm):                   |
| 3.6                                  | Clear Aperture CA (mm):          |
| 0.822                                | Edge Thickness ET (mm):          |
| 1.84 +/- 0.02                        | Center Thickness CT (mm):        |
| Protective as needed                 | Bevel:                           |
| Optical Properties                   |                                  |
| 2.50 @ 405nm                         | Effective Focal Length EFL (mm): |
| 0.70                                 | Numerical Aperture NA:           |
| D-LaK6                               | Substrate: □                     |
| ±1                                   | Focal Length Tolerance (%):      |
| 405                                  | Aspheric Design Wavelength (nm): |
| BBAR (350-700nm)                     | Coating:                         |
| R <sub>avg</sub> ≤0.5% @ 350 - 700nm | Coating Specification:           |
| 40-20                                | Surface Quality:                 |
| 0.625                                | f/#:                             |
| 350 - 700                            | Wavelength Range (nm):           |
| 1.6                                  | Working Distance (mm):           |
| Infinite                             | Conjugate Distance:              |

| Regulatory Compliance     |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <a href="#">Compliant</a> | 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®

## Technical Information



