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# LightPath 353215 | 4mm Dia., 0.30 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#71-004** 20+ In Stock

-

1

+

€119<sup>.00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | €119,00 each                  |
| Qty 11-49      | €107,00 each                  |
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Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                        |                       |
|--------------------------------|-----------------------|
| 355215                         | Lightpath Lens Code:  |
| Aspheric Lens                  | Type:                 |
| Collimate or Focus Laser Light | Typical Applications: |

| Physical & Mechanical Properties |                           |
|----------------------------------|---------------------------|
| 4.00 ±0.015                      | Diameter (mm):            |
| 3.5                              | Clear Aperture CA (mm):   |
| 2.284                            | Edge Thickness ET (mm):   |
| 2.80 +/-0.025                    | Center Thickness CT (mm): |
| Protective as needed             | Bevel:                    |

| Optical Properties                   |                                     |
|--------------------------------------|-------------------------------------|
| 6.20 @ 520nm                         | Effective Focal Length EFL (mm):    |
| 0.30                                 | Numerical Aperture NA:              |
| H-FK61M                              | Substrate: <input type="checkbox"/> |
| ±1                                   | Focal Length Tolerance (%):         |
| 520                                  | Aspheric Design Wavelength (nm):    |
| BBAR (350-700nm)                     | Coating:                            |
| R <sub>avg</sub> ≤0.5% @ 350 - 700nm | Coating Specification:              |
| 40-20                                | Surface Quality:                    |
| 1.55                                 | f#:                                 |
| 350 - 700                            | Wavelength Range (nm):              |
| 4.33                                 | 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.



## Technical Information



