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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**

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## General

**Lightpath Lens Code:**
355215

**Type:**
Aspheric Lens

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

## Physical & Mechanical Properties

**Diameter (mm):**
4.00 ±0.015

**Clear Aperture CA (mm):**
3.5

**Edge Thickness ET (mm):**
2.284

**Center Thickness CT (mm):**
2.80 +/-0.025

**Bevel:**
Protective as needed

## Optical Properties

**Effective Focal Length EFL (mm):**
6.20 @ 520nm

**Numerical Aperture NA:**
0.30

**Substrate:**
H-FK61M

**Focal Length Tolerance (%):**
±1

**Aspheric Design Wavelength (nm):**
520

**Coating:**
BBAR (350-700nm)

**Coating Specification:**
$R_{avg}$ ≤0.5% @ 350 - 700nm

**Surface Quality:**
40-20

**f/#:**
1.55

**Wavelength Range (nm):**
350 - 700

**Working Distance (mm):**
4.33

**Conjugate Distance:**
Infinite

## Regulatory Compliance

**RoHS 2015:**
Compliant

**Certificate of Conformance:**
View

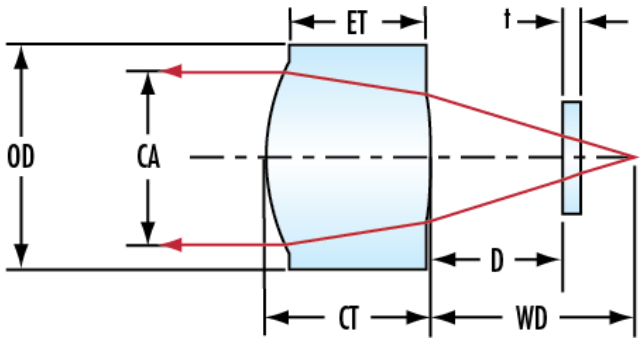
**Reach 247:**
Compliant

# 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



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