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LightPath 357775 | 6.33mm Dia., 0.60 NA, BBAR (350-600nm), Molded Aspheric Lens

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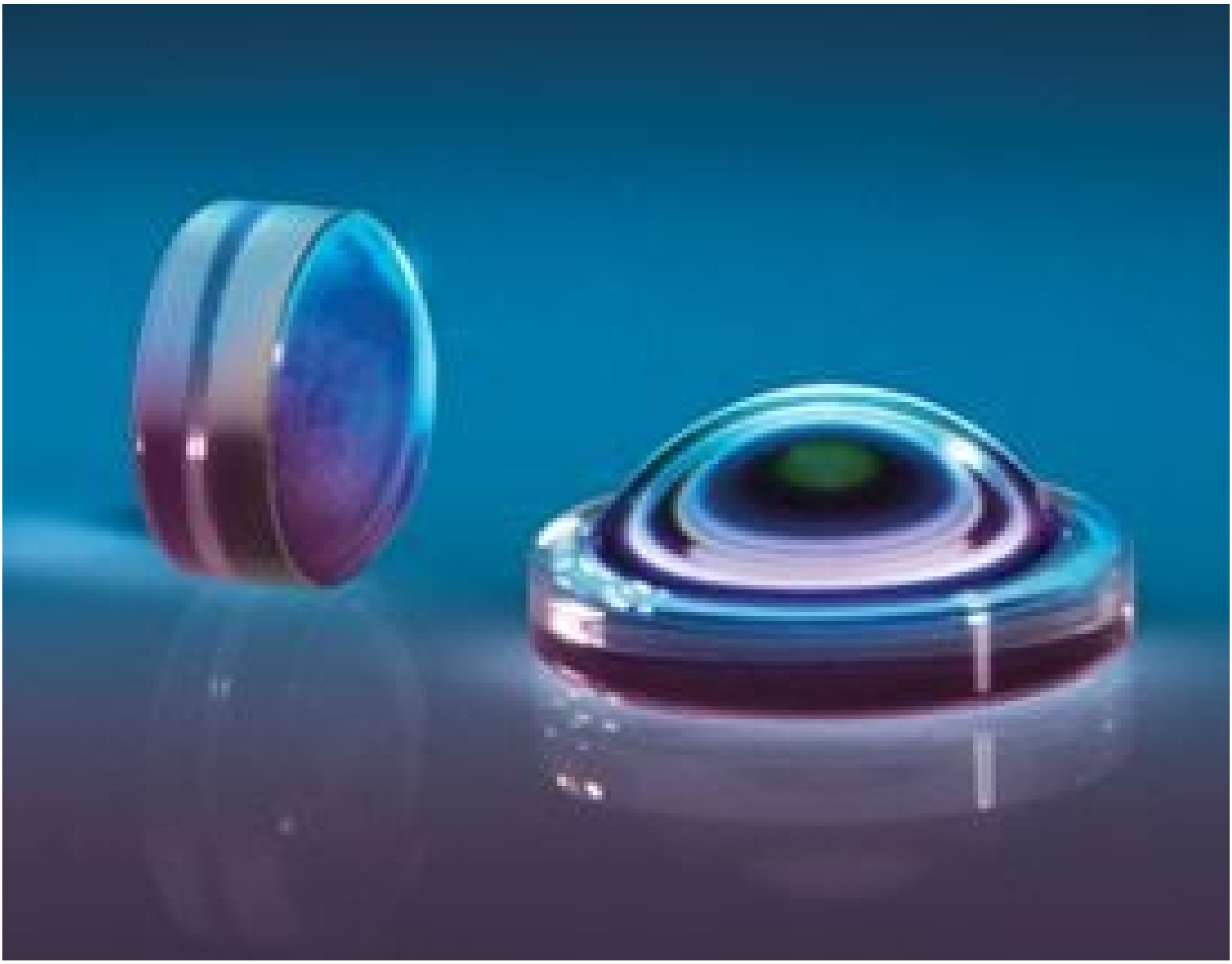

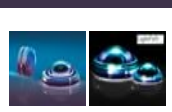

Stock **#83-990** **20+ In Stock**

- 1 + **€126**.00

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Volume Pricing	
Qty 1-10	**€126,00** each
Qty 11-49	**€111,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Lightpath Lens Code:
357775

Type:
Aspheric Lens

Physical & Mechanical Properties

Diameter (mm):
6.33 ±0.015

Clear Aperture CA (mm):
4.80

Edge Thickness ET (mm):
1.59

Center Thickness CT (mm):
2.90 ±0.05

Bevel:
Protective as needed

Optical Properties

Effective Focal Length EFL (mm):
4.02 @ 405nm

Numerical Aperture NA:
0.60

Substrate:
D-Lak6

Aspheric Design Wavelength (nm):
405

Coating:
BBAR (350-600nm)

Coating Specification:
R_{abs} <1.0% @ 350 - 600nm

Surface Quality:
40-20

f/#:
0.83

Wavelength Range (nm):
350 - 600

Working Distance (mm):
2.41

Conjugate Distance:
Infinite

Transmitted Wavefront Error (λ, RMS):
< 0.15

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 247:
Compliant

Product Details

- Designs Optimized for 405nm and 488nm Laser Diodes
- Ideal for Biomedical Instrumentation and Data Storage Applications
- Diffraction Limited Molded Aspheric Lens Designs

LightPath® Blue Laser Collimating Aspheric Lenses are designed to simplify the design and implementation of laser systems for biomedical instrumentation. Ideal applications for this product include flow and imaging cytometers, fluorescence detection, and high-volume data storage systems. These aspheric lenses are designed and manufactured to meet stringent optical standards for the aforementioned high-performance applications. LightPath® Blue Laser Collimating Aspheric Lenses are delivered with a high-performance anti-reflection coating to provide optimum transmission in the 350 – 500nm wavelength range. These lenses are offered in a 2.0, 2.75, 4.0, and 6.33mm diameters in a range of EFL measurements.