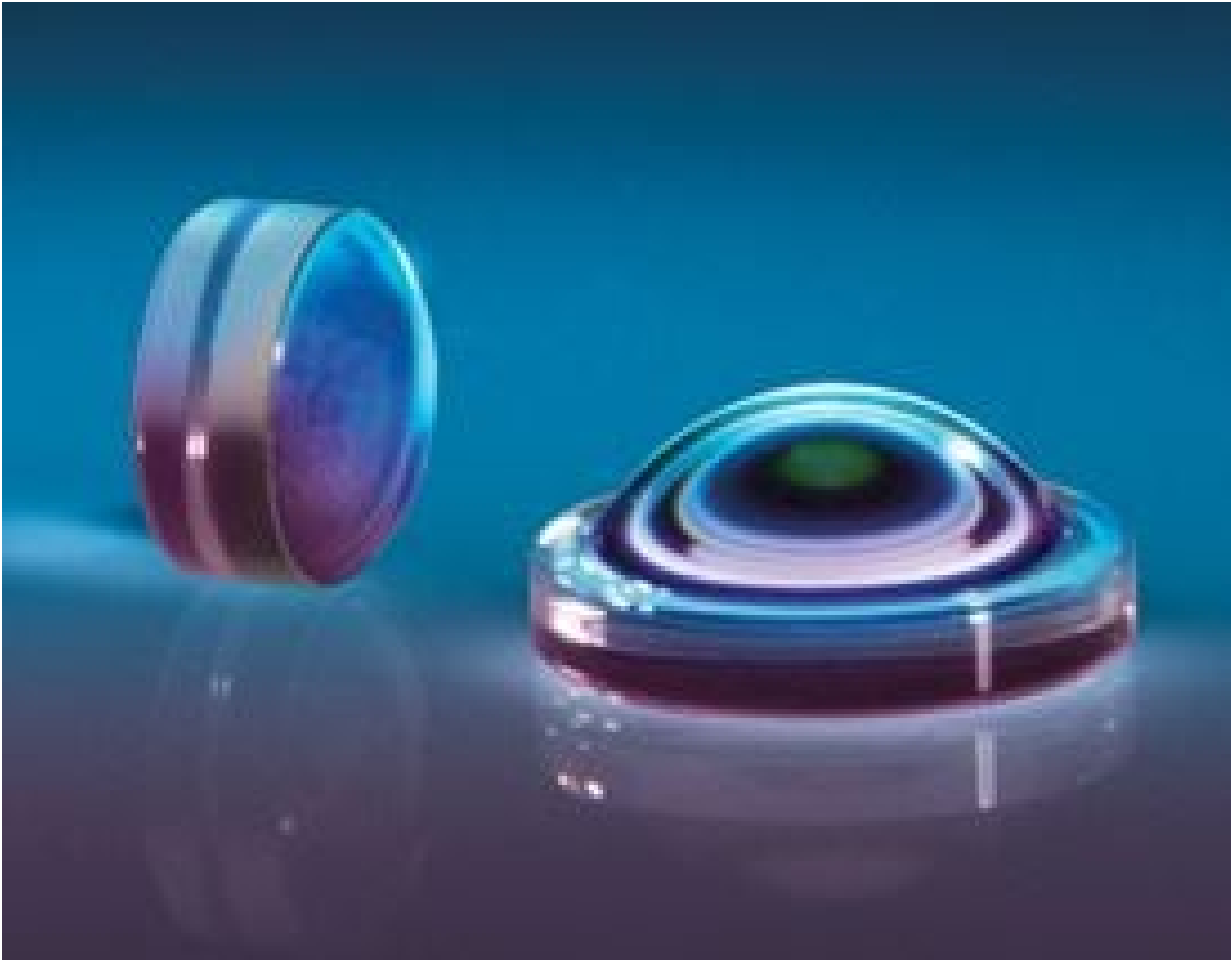


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LightPath 357775 | 6.33mm Dia., 0.60 NA, BBAR (350-600nm), Molded Aspheric Lens

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

-

1

+

S\$176⁻⁴⁰

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Volume Pricing	
Qty 1-10	S\$176.40 each
Qty 11-49	S\$155.40 each
Need More?	Request Quote

Product Downloads

General	
357775	Lightpath Lens Code:
Aspheric Lens	Type:

Physical & Mechanical Properties	
	Diameter (mm):

6.33 ±0.015	
4.80	Clear Aperture CA (mm):
1.59	Edge Thickness ET (mm):
2.90 ±0.05	Center Thickness CT (mm):
Protective as needed	Bevel:

Optical Properties

4.02 @ 405nm	Effective Focal Length EFL (mm):
0.60	Numerical Aperture NA:
D-Lak6	Substrate: □
405	Aspheric Design Wavelength (nm):
BBAR (350-600nm)	Coating:
R _{abs} <1.0% @ 350 - 600nm	Coating Specification:
40-20	Surface Quality:
0.83	f/#:
52.65	Abbe Number (v _d):
1.690	Index of Refraction (n _d):
350 - 600	Wavelength Range (nm):
2.41	Working Distance (mm):
Infinite	Conjugate Distance:
405.00	Focal Length Specification Wavelength (nm):
< 0.15	Transmitted Wavefront Error (λ, RMS):

Material Properties

7.8	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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.

