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LightPath 354430 | 2mm Dia., 0.15 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#48-145** 20+ In Stock

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1

+

S\$119^{.00}

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Volume Pricing	
Qty 1-10	S\$119.00 each
Qty 11-49	S\$107.10 each
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General

354430

Lightpath Lens Code:

Aspheric Lens

Type:

Collimate or Focus Laser Light

Typical Applications:

Physical & Mechanical Properties

2.00 ±0.015	Diameter (mm):
1.6	Clear Aperture CA (mm):
0.86	Edge Thickness ET (mm):
1.01 ±0.05	Center Thickness CT (mm):

Protective as needed	Bevel:
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Optical Properties

5.00 @ 1550nm	Effective Focal Length EFL (mm):
0.15	Numerical Aperture NA:

D-ZK3	Substrate: □
±1	Focal Length Tolerance (%):

1550	Aspheric Design Wavelength (nm):
BBAR (600-1050nm)	Coating:

R _{avg} <1.0% @ 600 - 1050nm	Coating Specification:
40-20	Surface Quality:

3.33	f/#:
600 - 1050	Wavelength Range (nm):

4.37	Working Distance (mm):
Infinite	Conjugate Distance:

< 0.17	Transmitted Wavefront Error (λ, RMS):
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Environmental & Durability Factors

≤200	Operating Temperature (°C):
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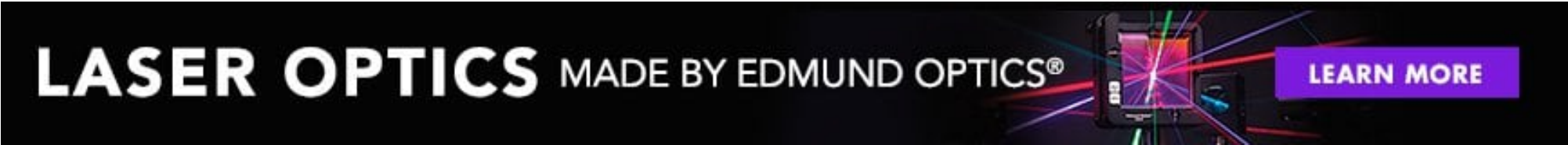
Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	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

