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LightPath 354850 | 6.33mm Dia., 0.13 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#83-544** **20+ In Stock**

[Other Coating Options](#)

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1

+

₹8,235

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Volume Pricing	
Qty 1-10	₹8,235 each
Qty 11-49	₹7,245 each
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Product Downloads

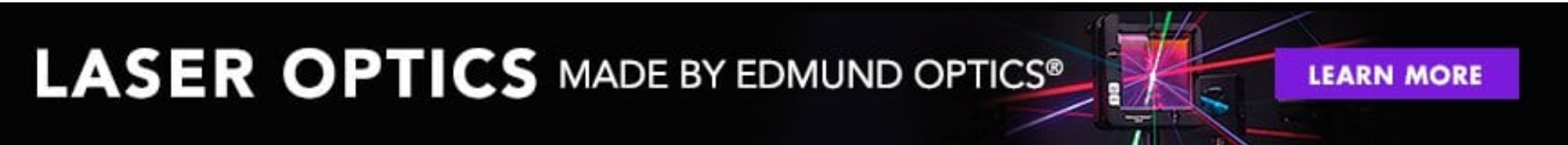
General	
Thickness: 0.25 (t) (mm) Material: BK7	Compatible Window:
354850	Lightpath Lens Code:
Aspheric Lens	Type:

Typical Applications: Collimate or Focus Laser Light	
Physical & Mechanical Properties	
6.33 ±0.015	Diameter (mm):
5.5	Clear Aperture CA (mm):
2.35	Edge Thickness ET (mm):
2.66 ±0.05	Center Thickness CT (mm):
Protective as needed	Bevel:
19.157	Distance from Window to Lens (D) (mm):
Optical Properties	
22.00 @ 670nm	Effective Focal Length EFL (mm):
0.13	Numerical Aperture NA:
D-ZK3	Substrate: □
±1	Focal Length Tolerance (%):
670	Aspheric Design Wavelength (nm):
BBAR (600-1050nm)	Coating:
R _{abs} <1.0% @ 600 - 1050nm	Coating Specification:
40-20	Surface Quality:
3.85	f/#:
600 - 1050	Wavelength Range (nm):
20.41	Working Distance (mm):
Infinite	Conjugate Distance:
< 0.12	Transmitted Wavefront Error (λ, RMS):
Environmental & Durability Factors	
≤200	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
China	Country of Origin:
Edmund Optics India Private Limited	Imported By:

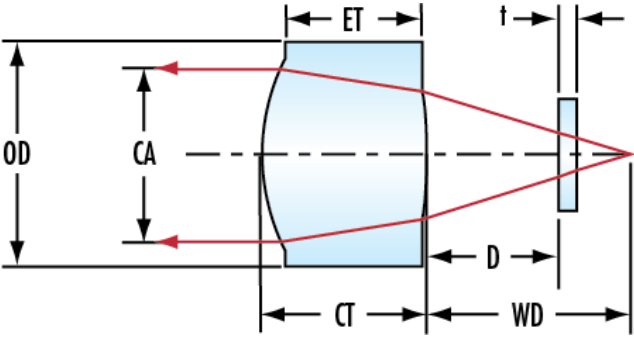
Product Details

- 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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