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LightPath 352240 | 9.94mm Dia., 0.50 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#47-144** CLEARANCE **20+ In Stock**

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1

+

₹3,215

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General	
352240	Lightpath Lens Code:
Aspheric Lens	Type:
Collimate or Focus Laser Light	
Typical Applications:	
Physical & Mechanical Properties	
9.94 ±0.015	Diameter (mm):

8.00	Clear Aperture CA (mm):
1.56	Edge Thickness ET (mm):
3.69 ±0.04	Center Thickness CT (mm):

Protective as needed	Bevel:
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Optical Properties

8.00 @ 780nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:

ECO-550	Substrate: □
±1	Focal Length Tolerance (%):

780	Aspheric Design Wavelength (nm):
BBAR (350-700nm)	Coating:

R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
Diffraction Limited Transmitted Wavefront	Asphere Figure Error (μm RMS):

40-20	Surface Quality:
1.00	f/#:

350 - 700	Wavelength Range (nm):
5.92	Working Distance (mm):

Infinite	Conjugate Distance:
< 0.040	Transmitted Wavefront Error (λ, RMS):

Environmental & Durability Factors

≤200	Operating Temperature (°C):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:

Compliant	Reach 233:
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.

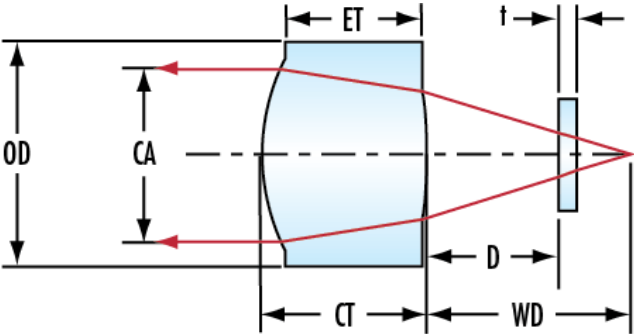
LASER OPTICS

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Technical Information



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