

[See all 77 Products in Family](#)

LightPath 354120 | 4.99mm Dia., 0.15 NA, BBAR (350-700nm), Molded Aspheric Lens

See More by [Lightpath®](#)



Precision Molded Aspheric Lenses

Stock **#16-689** [CONTACT US](#)

-

1

+

S\$119^{.00}

ADD TO CART

Volume Pricing	
Qty 1-10	S\$119.00 each
Qty 11-49	S\$107.10 each
Need More?	Request Quote

Product Downloads

General

354120

Lightpath Lens Code:

Aspheric Lens

Type:

Collimate or Focus Laser Light

Typical Applications:

Physical & Mechanical Properties

4.99 ±0.015	Diameter (mm):
4.5	Clear Aperture CA (mm):
2.61	Edge Thickness ET (mm):
2.92 ±0.03	Center Thickness CT (mm):

Protective as needed	Bevel:
----------------------	--------

Optical Properties

15.04 @ 670nm	Effective Focal Length EFL (mm):
0.15	Numerical Aperture NA:

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

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

R _{avg} ≤0.5% @ 350 - 700nm	Coating Specification:
40-20	Surface Quality:

3.33	f/#:
350 - 700	Wavelength Range (nm):

13.19	Working Distance (mm):
Infinite	Conjugate Distance:

<0.076	Transmitted Wavefront Error (λ, RMS):
--------	---------------------------------------

Environmental & Durability Factors

≤200	Operating Temperature (°C):
------	-----------------------------

Regulatory Compliance

View	Certificate of Conformance:
----------------------	-----------------------------

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

MADE BY EDMUND OPTICS®



LEARN MORE

Technical Information



