

[See all 76 Products in Family](#)

LightPath 354260 | 6.5mm Dia., 0.16 NA, BBAR (600-1050nm), Molded Aspheric Lens

See More by [Lightpath®](#)



Precision Molded Aspheric Lenses

Stock #37-099 **20+ In Stock**

[Other Coating Options](#)

- 1 + A\$136.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-10	A\$136.00 each
Qty 11-49	A\$122.40 each
Need More?	Request Quote

Product Downloads

General

Thickness: 0.25 (t) (mm)
Material: BK7

Compatible Window:

354260

Lightpath Lens Code:

Aspheric Lens

Type:

Typical Applications:

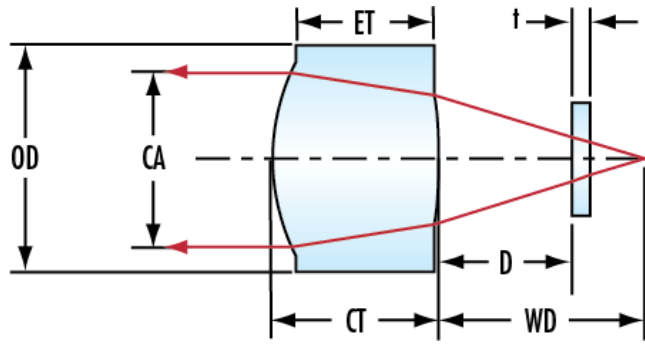
Physical & Mechanical PropertiesDiameter (mm):
6.50 ±0.015Clear Aperture CA (mm):
5Edge Thickness ET (mm):
1.8Center Thickness CT (mm):
2.21 ±0.05Bevel:
Protective as neededDistance from Window to Lens (D) (mm):
12.727**Optical Properties**Effective Focal Length EFL (mm):
15.29 @780nmNumerical Aperture NA:
0.16Substrate:
D-ZK3Focal Length Tolerance (%):
±1Aspheric Design Wavelength (nm):
780Coating:
BBAR (600-1050nm)Coating Specification:
R_{abs} <1.0% @ 600 - 1050nmSurface Quality:
40-20f#:
3.12Abbe Number (v_d):
50.22Index of Refraction (n_d):
1.586Wavelength Range (nm):
600 - 1050Working Distance (mm):
13.98Conjugate Distance:
InfiniteFocal Length Specification Wavelength (nm):
780.00Transmitted Wavefront Error (λ, RMS):
< 0.09**Material Properties**Coefficient of Thermal Expansion CTE (10⁻⁶/°C):
7.6**Environmental & Durability Factors**Operating Temperature (°C):
≤200**Regulatory Compliance**RoHS 2015:
CompliantCertificate of Conformance:
ViewReach 247:
Compliant**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



Technical Information



Compatible Mounts