

LightPath 354240 | 9.94mm Dia., 0.50 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#37-103**

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Diameter (mm):
9.94 ±0.015

Effective Focal Length EFL (mm):
8.00 @ 780nm

Numerical Aperture NA:
0.5

Substrate: D-ZK3
Focal Length Tolerance (%): ±1
Aspheric Design Wavelength (nm): 780
Coating: BBAR (600-1050nm)
Coating Specification: R _{abs} <1.0% @ 600 - 1050nm
Surface Quality: 40-20
Clear Aperture CA (mm): 8
Edge Thickness ET (mm): 1.44
Center Thickness CT (mm): 3.43 ±0.05
f/#: 1.00
Bevel: Protective bevel as needed
Compatible Window: Thickness: 0.25 (t) (mm) Material: BK7
Distance from Window to Lens (D) (mm): 4.911
Lightpath Lens Code: 354240
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 600 - 1050
Typical Applications: Collimate or Focus Laser Light
Working Distance (mm): 5.9
Conjugate Distance: Infinite

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 233: Compliant