

LightPath 355151 | 3mm Dia., 0.50 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

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Diameter (mm):
3.00 ±0.015

Effective Focal Length EFL (mm):
2.00 @ 780nm

Numerical Aperture NA:

0.50
Substrate: D-ZLaF52LA
Focal Length Tolerance (%): ±1
Aspheric Design Wavelength (nm): 780
Coating: BBAR (350-700nm)
Coating Specification: R _{avg} ≤0.5% @ 350 - 700nm
Surface Quality: 40-20
Clear Aperture CA (mm): 2
Edge Thickness ET (mm): 1.40
Center Thickness CT (mm): 1.89 ±0.03
f#: 1.00
Bevel: Protective bevel as needed
Compatible Window: Thickness: 0.25 (t) (mm) Material: BK7
Distance from Window to Lens (D) (mm): 0.479
Lightpath Lens Code: 355151
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 350 - 700
Typical Applications: Collimate or Focus Laser Light
Working Distance (mm): 1.029
Conjugate Distance: Infinite

Regulatory Compliance

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