

LightPath 355022 | 5.42mm Dia., 0.47 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

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Diameter (mm):
5.42 ±0.015

Effective Focal Length EFL (mm):
4.47 @780nm

Numerical Aperture NA:
0.47

Substrate:

[D-ZLaF52LA](#)

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): 4.2
Edge Thickness ET (mm): 2.53
Center Thickness CT (mm): 3.27 ±0.05
f#: 1.06
Bevel: Protective bevel as needed
Compatible Window: Thickness: 1.20 (t) (mm) Material: BK7
Lightpath Lens Code: 355022
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 600 - 1050
Typical Applications: Collimate or Focus Laser Light
Working Distance (mm): 3.08
Conjugate Distance: Infinite

Regulatory Compliance

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