

LightPath 355440 | 4.7mm Dia., 0.50 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#87-135** CLEARANCE 10 TO 12 DAYS

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Diameter (mm):
4.70 ±0.020

Effective Focal Length EFL (mm):
2.76 @980nm

Numerical Aperture NA:
0.5

Substrate: [D-ZLaF52LA](#)

Focal Length Tolerance (%): ±1
Aspheric Design Wavelength (nm): 980
Coating: BBAR (1050-1600nm)
Coating Specification: R _{abs} <1.0% @ 1050 - 1600nm
Surface Quality: 40-20
Clear Aperture CA (mm): 4.12
Edge Thickness ET (mm): 2.68
Center Thickness CT (mm): 3.83 ±0.05
f/#: 0.96
Bevel: Protective bevel as needed
Compatible Window: Thickness: 0.25 (t) (mm) Material: BK7
Distance from Window to Lens (D) (mm): 1.962
Lightpath Lens Code: 355440
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 1050 - 1600
Typical Applications: Finite Conjugate for Magnification
Working Distance (mm): 7.09
Conjugate Distance: Finite
Note: NA, Object (mm): 0.26 WD, Image (mm): 7.09 WD, Object (mm): 2.71

Regulatory Compliance

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