

LightPath 352240 | 9.94mm Dia., 0.50 NA, BBAR (350-700nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#47-144** CLEARANCE 3-5 DAYS

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Diameter (mm):
9.94 ±0.015

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

Numerical Aperture NA:
0.50

Substrate: [ECO-550](#)

Focal Length Tolerance (%): ±1
Aspheric Design Wavelength (nm): 780
Coating: BBAR (350-700nm)
Coating Specification: R _{avg} ≤0.5% @ 350 - 700nm
Asphere Figure Error (µm RMS): Diffraction Limited Transmitted Wavefront
Surface Quality: 40-20
Clear Aperture CA (mm): 8.00
Edge Thickness ET (mm): 1.56
Center Thickness CT (mm): 3.69 ±0.04
f/#: 1.00
Bevel: Protective bevel as needed
Lightpath Lens Code: 352240
Operating Temperature (°C): ≤200
Type: Aspheric Lens
Wavelength Range (nm): 350 - 700
Typical Applications: Collimate or Focus Laser Light
Working Distance (mm): 5.92
Conjugate Distance: Infinite

Regulatory Compliance

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