

LightPath 355440 | 4.7mm Dia., 0.50 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

Stock **#87-134** CLEARANCE 3-5 DAYS

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- 1 +

A\$67.12

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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](#)

|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%):</b><br>±1                                               |
| <b>Aspheric Design Wavelength (nm):</b><br>980                                         |
| <b>Coating:</b><br>BBAR (600-1050nm)                                                   |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <1.0% @ 600 - 1050nm                 |
| <b>Surface Quality:</b><br>40-20                                                       |
| <b>Clear Aperture CA (mm):</b><br>4.12                                                 |
| <b>Edge Thickness ET (mm):</b><br>2.68                                                 |
| <b>Center Thickness CT (mm):</b><br>3.83 ±0.05                                         |
| <b>f/#:</b><br>0.96                                                                    |
| <b>Bevel:</b><br>Protective bevel as needed                                            |
| <b>Compatible Window:</b><br>Thickness: 0.25 (t) (mm)<br>Material: BK7                 |
| <b>Distance from Window to Lens (D) (mm):</b><br>1.962                                 |
| <b>Lightpath Lens Code:</b><br>355440                                                  |
| <b>Operating Temperature (°C):</b><br>≤200                                             |
| <b>Type:</b><br>Aspheric Lens                                                          |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                            |
| <b>Typical Applications:</b><br>Finite Conjugate for Magnification                     |
| <b>Working Distance (mm):</b><br>7.09                                                  |
| <b>Conjugate Distance:</b><br>Finite                                                   |
| <b>Note:</b><br>NA, Object (mm): 0.26<br>WD, Image (mm): 7.09<br>WD, Object (mm): 2.71 |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 233:</b><br><a href="#">Compliant</a>             |