

LightPath 355625 | 5.585mm Dia., 0.55 NA, BBAR (600-1050nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

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Diameter (mm):  
5.59 ±0.015

Effective Focal Length EFL (mm):  
4.13 @447nm

Numerical Aperture NA:  
0.55

Substrate: [D-ZLaF52LA](#)

|                                                                        |
|------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%):</b><br>±1                               |
| <b>Aspheric Design Wavelength (nm):</b><br>447                         |
| <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>4.6                                  |
| <b>Edge Thickness ET (mm):</b><br>2.73                                 |
| <b>Center Thickness CT (mm):</b><br>3.70 ±0.03                         |
| <b>f/#:</b><br>0.91                                                    |
| <b>Bevel:</b><br>Protective bevel as needed                            |
| <b>Lightpath Lens Code:</b><br>355625                                  |
| <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>Collimate or Focus Laser Light         |
| <b>Working Distance (mm):</b><br>2.2                                   |
| <b>Conjugate Distance:</b><br>Infinite                                 |

## 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>             |