

# LightPath 354125 | 11mm Dia., 0.50 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

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**Diameter (mm):**  
11.00 ±0.015

**Effective Focal Length EFL (mm):**  
10.00 @ 633nm

**Numerical Aperture NA:**  
0.5

**Substrate:** ☐  
[D-ZK3](#)

|                                                                         |
|-------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%):</b><br>±1                                |
| <b>Aspheric Design Wavelength (nm):</b><br>633                          |
| <b>Coating:</b><br>BBAR (1050-1600nm)                                   |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <1.0% @ 1050 - 1600nm |
| <b>Surface Quality:</b><br>60-40                                        |
| <b>Clear Aperture CA (mm):</b><br>10                                    |
| <b>Edge Thickness ET (mm):</b><br>1.092                                 |
| <b>Center Thickness CT (mm):</b><br>3.64 ±0.40                          |
| <b>f/#:</b><br>1.00                                                     |
| <b>Bevel:</b><br>Protective bevel as needed                             |
| <b>Compatible Window:</b><br>Thickness: 0.25 (t) (mm)<br>Material: B-K7 |
| <b>Lightpath Lens Code:</b><br>354125                                   |
| <b>Operating Temperature (°C):</b><br>≤200                              |
| <b>Type:</b><br>Aspheric Lens                                           |
| <b>Wavelength Range (nm):</b><br>1050 - 1600                            |
| <b>Typical Applications:</b><br>Collimate or Focus Laser Light          |
| <b>Working Distance (mm):</b><br>7.8                                    |
| <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>             |