

LightPath 354280 | 6.5mm Dia., 0.15 NA, BBAR (1050-1600nm), Molded Aspheric Lens

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Precision Molded Aspheric Lenses

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Diameter (mm):  
6.50 ±0.020

Effective Focal Length EFL (mm):  
18.40 @ 780nm

Numerical Aperture NA:  
0.15

Substrate:   
[D-ZK3](#)

|                                                                         |
|-------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%):</b><br>±1                                |
| <b>Aspheric Design Wavelength (nm):</b><br>780                          |
| <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>40-20                                        |
| <b>Clear Aperture CA (mm):</b><br>5.5                                   |
| <b>Edge Thickness ET (mm):</b><br>1.78                                  |
| <b>Center Thickness CT (mm):</b><br>2.18 ±0.05                          |
| <b>f#:</b><br>3.33                                                      |
| <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>15.856                 |
| <b>Lightpath Lens Code:</b><br>354280                                   |
| <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>17.11                                  |
| <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>             |