

**TECHSPEC® 50mm Dia x 40mm FL, NIR I Coated, Molded Aspheric Condenser Lens**



TECHSPEC Molded Aspheric Condenser Lenses

Stock **#15-735** 3-4 DAYS

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⊖ 1 ⊕ **€69,00**

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**Diameter (mm):**  
50.00 +0.0/-0.3

**Effective Focal Length EFL (mm):**  
40.00 @ 587.6nm

**Numerical Aperture NA:**

|                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|
| 0.625                                                                                                           |
| <b>Back Focal Length BFL (mm):</b><br>25.92                                                                     |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">Liba2000+</a>                                         |
| <b>Focal Length Tolerance (%):</b><br>±5                                                                        |
| <b>Coating:</b><br>NIR I (600-1050nm)                                                                           |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm                                          |
| <b>Centering (arcmin):</b><br>≤25                                                                               |
| <b>Surface Quality:</b><br>Molded Side: 5/5 x 0.63; E 0.4<br>Polished Side: 5/5 x 0.25; E 0.4                   |
| <b>Clear Aperture CA (mm):</b><br>44.78                                                                         |
| <b>Edge Thickness ET (mm):</b><br>3.21                                                                          |
| <b>Center Thickness CT (mm):</b><br>21.42 ±0.30                                                                 |
| <b>f/#:</b><br>0.8                                                                                              |
| <b>Bevel:</b><br>Protective bevel as needed                                                                     |
| <b>Diameter of Asphere (mm):</b><br>50.00                                                                       |
| <b>Radius R<sub>2</sub> (mm):</b><br>∞                                                                          |
| <b>Shape of Back Surface:</b><br>Plano                                                                          |
| <b>Type:</b><br>Condenser Lens                                                                                  |
| <b>Wavelength Range (nm):</b><br>600 - 1050                                                                     |
| <b>Conjugate Distance:</b><br>Infinite                                                                          |
| <b>Note:</b><br><a href="#">Click here</a> for more information on the ISO 10110 surface quality specification. |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |