

**TECHSPEC® 50mm Dia. x 150mm FL VIS 0° Coated, UV Plano-Convex Lens**



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#67-235** 3-4 DAYS

- 1 +

**€295,00**

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Qty 1-5

€295,00

Qty 6+

€236,00

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**Diameter (mm):**  
50.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**

|                                                                           |
|---------------------------------------------------------------------------|
| 150.00 @587.6nm                                                           |
| <b>Back Focal Length BFL (mm):</b><br>145.20                              |
| <b>Coating:</b><br>VS 0° (425-675nm)                                      |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.4% @ 425 - 675nm     |
| <b>Substrate:</b> <a href="#">Fused Silica</a> (Corning 7980)             |
| <b>Surface Quality:</b><br>40-20                                          |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                     |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                               |
| <b>Focal Length Tolerance (%):</b><br>±1                                  |
| <b>Centering (arcmin):</b><br><1                                          |
| <b>Center Thickness CT (mm):</b><br>7.00 ±0.10                            |
| <b>Edge Thickness ET (mm):</b><br>2.29                                    |
| <b>Radius R<sub>1</sub> (mm):</b><br>68.77                                |
| <b>Clear Aperture CA (mm):</b><br>49                                      |
| <b>f/#:</b><br>3                                                          |
| <b>Numerical Aperture NA:</b><br>0.17                                     |
| <b>Type:</b><br>Plano-Convex Lens                                         |
| <b>Bevel:</b><br>Protective bevel as needed                               |
| <b>Wavelength Range (nm):</b><br>425 - 675                                |
| <b>Damage Threshold, Reference:</b> <a href="#">5 J/cm² @ 532nm, 10ns</a> |

### 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>             |