

**TECHSPEC® 25.4 x 25.4mm x 100mm FL, NIR I Laser Grade PCX Cylinder Lens**



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-119** ☐ In Stock

-

1

+

C\$252.00

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Qty 1-5

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Effective Focal Length EFL (mm):  
100.00

Substrate: ☐  
[Fused Silica](#) (Corning 7980)

f/#:  
4.00

|                                                                        |
|------------------------------------------------------------------------|
| <b>Numerical Aperture NA:</b><br>0.08                                  |
| <b>Coating:</b><br>NIR I (600-1050nm)                                  |
| <b>Type:</b><br>Cylinder Lens, Plano-Convex                            |
| <b>Wavelength Range (nm):</b><br>600 - 1050                            |
| <b>Back Focal Length BFL (mm):</b><br>97.39                            |
| <b>Bevel:</b><br>Protective bevel as needed                            |
| <b>Center Thickness CT (mm):</b><br>3.80                               |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                        |
| <b>Clear Aperture CA (mm):</b><br>22.86 x 22.86                        |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.025                      |
| <b>Dimensions (mm):</b><br>25.4 x 25.4                                 |
| <b>Edge Thickness ET (mm):</b><br>2.01                                 |
| <b>Radius R<sub>1</sub> (mm):</b><br>45.84                             |
| <b>Surface Quality:</b><br>20-10                                       |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                  |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                            |
| <b>Plano Axis Wedge (arcmin):</b><br><3                                |
| <b>Power Axis Wedge (arcmin):</b><br><5                                |
| <b>Axial Twist (arcmin):</b><br><3                                     |

## 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>             |