

**TECHSPEC® 25.4 x 25.4mm x -75mm FL, UV-VIS Laser Grade PCV Cylinder Lens**



TECHSPEC Beam Shaping Fused Silica Cylinder Lenses

Stock **#36-114** 3-4 DAYS

- 1 + **€180,00**

ADD TO CART

Qty 1-5

€180,00

Qty 6+

€144,00

Volume Pricing

[Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Get Product Downloads



**Effective Focal Length EFL (mm):**  
-75.00

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

**f/#:**  
3.00

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| <b>Numerical Aperture NA:</b><br>0.17                                                                         |
| <b>Coating:</b><br>UV-VIS (250-700nm)                                                                         |
| <b>Type:</b><br>Cylinder Lens, Plano-Concave                                                                  |
| <b>Wavelength Range (nm):</b><br>350 - 700                                                                    |
| <b>Back Focal Length BFL (mm):</b><br>-77.06                                                                  |
| <b>Bevel:</b><br>Protective bevel as needed                                                                   |
| <b>Center Thickness CT (mm):</b><br>3.00                                                                      |
| <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>abs</sub> ≤1.0% @ 350 - 450nm<br>R <sub>avg</sub> ≤1.5% @ 250 - 700nm |
| <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>5.31                                                                        |
| <b>Radius R<sub>1</sub> (mm):</b><br>34.38                                                                    |
| <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><3                                                                       |
| <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>             |