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SUBMIT

TECHSPEC® 12.7 mm X -100mm FL, NIR I Imaging Grade PCV Cylinder Lens



TECHSPEC® Beam Shaping PCV Cylinder Lenses

Stock #34-681 3-4 DAYS



1



€89,00

ADD TO CART

Qty 1-5

€89,00

Qty 6+

€71,50

Volume Pricing

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Diameter (mm):

12.70 +0.0/-0.025

Effective Focal Length EFL (mm):

-100.00

Substrate: ☐

[N-BK7](#)

|                                                                        |
|------------------------------------------------------------------------|
| <b>f/#:</b><br>8                                                       |
| <b>Numerical Aperture NA:</b><br>0.17                                  |
| <b>Coating:</b><br>NIR I (600-1050nm)                                  |
| <b>Type:</b><br>Cylinder Lens, Plano-Concave                           |
| <b>Wavelength Range (nm):</b><br>600 - 1050                            |
| <b>Back Focal Length BFL (mm):</b><br>-101.32                          |
| <b>Bevel:</b><br>Protective bevel as needed                            |
| <b>Center Thickness CT (mm):</b><br>2.00                               |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                        |
| <b>Clear Aperture CA (mm):</b><br>11.43                                |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤0.5% @ 600 - 1050nm |
| <b>Edge Thickness ET (mm):</b><br>2.37                                 |
| <b>Radius R<sub>1</sub> (mm):</b><br>51.68                             |
| <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>Plano Axis Wedge (arcmin):</b><br><5                                |
| <b>Power Axis Wedge (arcmin):</b><br><5                                |

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>             |