

TECHSPEC<sup>®</sup>

12.5mm H x 25mm L x -100mm FL MgF<sub>2</sub> Coated, Illumination Grade PCV Cylinder Lens



TECHSPEC<sup>®</sup> Illumination Grade PCV Cylinder Lenses

Stock #68-075 ☐ In Stock

-

1

+

C\$100.10

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Qty 1-5

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Qty 6+

C\$79.80

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Effective Focal Length EFL (mm):  
-100.00

Substrate: ☐  
[N-BK7](#)

Coating:  
MgF<sub>2</sub> (400-700nm)

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| <b>Type:</b><br>Cylinder Lens, Plano-Concave                                                       |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                         |
| <b>Back Focal Length BFL (mm):</b><br>-101.65                                                      |
| <b>Center Thickness CT (mm):</b><br>2.50                                                           |
| <b>Center Thickness Tolerance (mm):</b><br>±0.1                                                    |
| <b>Coating Specification:</b><br>R <sub>avg</sub> ≤1.75% @ 400 - 700nm                             |
| <b>Dimensional Tolerance (mm):</b><br>+0.0/-0.2                                                    |
| <b>Dimensions (mm):</b><br>12.5 x 25.0                                                             |
| <b>Edge Thickness ET (mm):</b><br>2.84                                                             |
| <b>Focal Length Tolerance (%):</b><br>±3                                                           |
| <b>Radius R<sub>1</sub> (mm):</b><br>-51.68                                                        |
| <b>Surface Quality:</b><br>60-40                                                                   |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>10 J/cm <sup>2</sup> @ 532nm, 10ns |

## 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>             |