

TECHSPEC[®] 25.4 x 25.4mm x -75mm FL, NIR II Imaging Grade PCV Cylinder Lens



TECHSPEC[®] Beam Shaping PCV Cylinder Lenses

Stock #35-019 3-4 DAYS

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1

+

£98.60

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Qty 1-5

£98.60

Qty 6+

£78.63

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Effective Focal Length EFL (mm):
-75.00

Substrate: ☐
[N-BK7](#)

f/#:
3

Numerical Aperture NA: 0.08
Coating: NIR II (750-1550nm)
Type: Cylinder Lens, Plano-Concave
Wavelength Range (nm): 750 - 1550
Back Focal Length BFL (mm): -77.64
Bevel: Protective bevel as needed
Center Thickness CT (mm): 4.00
Center Thickness Tolerance (mm): ±0.1
Clear Aperture CA (mm): 22.86 x 22.86
Coating Specification: R _{abs} ≤1.5% @ 750 - 800nm R _{abs} ≤1.0% @ 800 - 1550nm R _{avg} ≤0.7% @ 750 - 1550nm
Dimensional Tolerance (mm): +0.0/-0.025
Dimensions (mm): 25.4 x 25.4
Edge Thickness ET (mm): 6.07
Radius R₁ (mm): 38.76
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Plano Axis Wedge (arcmin): <5
Power Axis Wedge (arcmin): <5
Axial Twist (arcmin): <3

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant