

TECHSPEC[®] 25.0mm Dia. x 85.0mm FL, VIS 0°, Inked, Plano-Convex Lens



Stock #47-349-INK 3-4 DAYS
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1

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£43.77

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Diameter (mm):
25.00 ±0.025

Effective Focal Length EFL (mm):

85.00 @ 587.6nm
Back Focal Length BFL (mm): 82.17
Coating: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 4.30 ±0.10
Edge Thickness ET (mm): 2.48
Radius R₁ (mm): 43.93
Clear Aperture CA (mm): 24
f/#: 3.4
Numerical Aperture NA: 0.15
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View