

TECHSPEC®

40.0mm Dia. x 200.0mm FL, VIS-EXT Coated, Plano-Convex Lens



Stock **#34-182** 3-4 DAYS

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1

+

€66,50

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Qty 1-9
€66,50
Qty 10+
€59,75
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Diameter (mm):
40.00 +0.000/-0.025

Effective Focal Length EFL (mm):

200.00 @587.6nm
Back Focal Length BFL (mm): 196.7
Coating: VIS-EXT (350-700nm)
Coating Specification: R _{avg} <0.5% @ 350 - 700nm
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): 5.00 ±0.10
Edge Thickness ET (mm): 3.05
Radius R₁ (mm): 103.36
Clear Aperture CA (mm): 39
f/#: 5
Numerical Aperture NA: 0.10
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 700
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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