

TECHSPEC® Elliptical Mirror 38.1mm Minor Axis Protected Aluminum



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1

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£113.90

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Minor Axis (mm):
38.10

Major Axis (mm):
53.87

Surface Flatness (P-V):
λ/8

Substrate: ☐ BOROFLOAT®
Surface Quality: 60-40
Dimensional Tolerance (mm): ±0.38
Dimensional Tolerance (inches): ±0.015
Coating Specification: R_{avg} >85% @ 400 - 700nm R_{avg} >90% @ 400 - 2000nm
Coating: Protected Aluminum (400-2000nm)
Coating Type: Metal
Clear Aperture CA (mm): 34.29 (Minor Axis) 48.49 (Major Axis)
Note: Flatness specification is Peak to Valley
Thickness (mm): 9.53
Thickness Tolerance (inches): ±0.030
Thickness Tolerance (mm): ±0.76
Type: Flat Mirror
Wavelength Range (µm): 0.4 - 2
Wavelength Range (nm): 400 - 2000
Damage Threshold, Reference: ☐ 0.3 J/cm² @ 532nm & 1064nm, 10ns

Regulatory Compliance

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