

1.0° Axicon Angle, 750 - 850nm, Off-Axis Reflective Axicon

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Cailabs Canunda-Axicons

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Design Wavelength DWL (nm):
800

Diameter (mm):
25.40 +0.0/-0.1

Edge Thickness ET (mm):
8.0 +0.0/-0.15

Substrate: ☐
Aluminum

Surface Quality: 40-20
Type: Axicon, Off-Axis Reflective
Clear Aperture (%) : >90
Axicon Angle α (°) : 1.00 $\pm$ 1.5%
Coating Specification: R _{abs} >99% @750 - 850nm
Wavelength Range (nm) : 750 - 850
Coating Type: Dielectric
Damage Threshold, By Design: ☐ 0.2 J/cm ² @800nm, 500fs
Wavefront Error, P-V: < λ /10
Surface Roughness (nm) : <4 RMS
Off-Axis Angle (°) : 30

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View