

TECHSPEC[®] 50mm Dia x 40mm FL, NIR I Coated, Molded Aspheric Condenser Lens



TECHSPEC Molded Aspheric Condenser Lenses

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Diameter (mm):
50.00 +0.0/-0.3

Effective Focal Length EFL (mm):
40.00 @ 587.6nm

Numerical Aperture NA:
0.625

Back Focal Length BFL (mm): 25.92
Substrate: ☐ Liba2000+
Focal Length Tolerance (%): ±5
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Centering (arcmin): ≤25
Surface Quality: Molded Side: 5/5 x 0.63; E 0.4 Polished Side: 5/5 x 0.25; E 0.4
Clear Aperture CA (mm): 44.78
Edge Thickness ET (mm): 3.21
Center Thickness CT (mm): 21.42 ±0.30
f#: 0.8
Bevel: Protective bevel as needed
Diameter of Asphere (mm): 50.00
Radius R₂ (mm): ∞
Shape of Back Surface: Plano
Type: Condenser Lens
Wavelength Range (nm): 600 - 1050
Conjugate Distance: Infinite
Note: Click here for more information on the ISO 10110 surface quality specification.

Regulatory Compliance

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