

5mm Dia. x 3.1mm FL, MgF₂ Coated, Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

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Diameter (mm):
5.00 ±0.3

Effective Focal Length EFL (mm):
3.10 @ 587.6nm

Numerical Aperture NA:
0.81

Back Focal Length BFL (mm): 1.90
Substrate: N-F2
Focal Length Tolerance (%): ±7
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤ 1.75% @ 400 - 700nm
Centering (arcmin): ≤25
Surface Quality: 5/3 x0.4; E 0.2
Clear Aperture CA (mm): 4.00
Edge Thickness ET (mm): 0.5
Center Thickness CT (mm): 2.00 ±0.20
f/#: 0.62
Bevel: Protective bevel as needed
Diameter of Asphere (mm): 5.0
Radius R₂ (mm): Plano
Shape of Back Surface: Plano
Type: Condenser Lens
Wavelength Range (nm): 400 - 700
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