

12mm Dia. x 10.4mm FL, MgF₂ Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

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Diameter (mm):
12.00 +/-0.3

Effective Focal Length EFL (mm):
10.40 @ 587.6nm

Numerical Aperture NA:
0.57

Back Focal Length BFL (mm): 6.00
Substrate:  Liba2000+
Focal Length Tolerance (%): ±5
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤ 1.75% @ 400 - 700nm
Centering (arcmin): ≤30
Surface Quality: Molded Side: 5/3 x 0.4; E 0.2 Polished Side: 5/3 x 0.25; E 0.2
Clear Aperture CA (mm): 9.50
Edge Thickness ET (mm): 1.67
Center Thickness CT (mm): 5.50 ±0.20
f#: 0.87
Bevel: Protective bevel as needed
Diameter of Asphere (mm): 12.0
Radius R₂ (mm): 25.0
Shape of Back Surface: Convex
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 240: Compliant