

18mm Dia. x 8.4mm FL, MgF₂ Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

Stock **#35-048** ☐ In Stock

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1

+

C\$59.50

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Diameter (mm):
18.00 +/-0.3

Effective Focal Length EFL (mm):
8.40 @ 587.6nm

Numerical Aperture NA:
1.06

Back Focal Length BFL (mm): 4.50
Substrate: ☐ F4GT
Focal Length Tolerance (%): ±5
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤ 1.75% @ 400 - 700nm
Centering (arcmin): ≤25
Surface Quality: Molded Side: 5/3 x 1.6 Polished Side: 5/3 x 1.6
Clear Aperture CA (mm): 14.40
Edge Thickness ET (mm): 2.8
Center Thickness CT (mm): 6.30 (nominal)
f/#: 0.47
Bevel: Protective bevel as needed
Diameter of Asphere (mm): 15.0
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