

12mm Dia. x 7.5mm FL, NIR I Coated, Molded Aspheric Condenser Lens



Molded Aspheric Condenser Lenses

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Diameter (mm):
12.00 +/-0.3

Effective Focal Length EFL (mm):
7.50 @ 587.6nm

Numerical Aperture NA:
0.8

Back Focal Length BFL (mm): 4.60
Substrate:  Liba2000+
Focal Length Tolerance (%): ±7
Coating: NIR I (600-1050nm)
Coating Specification: R _{avg} ≤0.5% @ 600 - 1050nm
Centering (arcmin): ≤30
Surface Quality: 5/3 x0.4; E 0.2
Clear Aperture CA (mm): 9.50
Edge Thickness ET (mm): 1.85
Center Thickness CT (mm): 5.50 +/-0.20
f/#: 0.63
Bevel: Protective bevel as needed
Diameter of Asphere (mm): 12.0
Radius R₂ (mm): 12.7
Shape of Back Surface: Convex
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