

TECHSPEC® 5mm Dia x 30mm FL MgF₂ Coated, Illumination Grade PCX Cylinder Lens



Stock #47-761

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Diameter (mm):

5.00

Effective Focal Length EFL (mm):

30.00

Substrate: ☐

N-BK7

f#:

6

Numerical Aperture NA:

0.08

Coating: MgF ₂ (400-700nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 400 - 700
Back Focal Length BFL (mm): 28.02
Center Thickness CT (mm): 3.00
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{avg} ≤ 1.75% @ 400 - 700nm
Dimensional Tolerance (mm): +0.0/-0.2
Edge Thickness ET (mm): 2.80
Focal Length Tolerance (%): ±3
Radius R₁ (mm): 15.50
Surface Quality: 60-40
Tilt Tolerance (mm): ±0.1 over H
Typical Applications: 10 J/cm ² @ 532nm, 10ns
Wedge Tolerance (arcmin): 15.00

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View