

TECHSPEC® 25mm Dia x 20mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock **#86-036** [CONTACT US](#)

⊖ 1 ⊕ **\$\$1,360⁰⁰**

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | \$\$1,360.80 each |
| Qty 6-25 | \$\$1,085.00 each |
| Qty 26-49 | \$\$1,001.00 each |
| Need More? | Request Quote |

Product Downloads

General

Acylinder Lens **Type:**

Physical & Mechanical Properties

25.00 +0.0/-0.1 **Diameter (mm):**

9.00 **Center Thickness CT (mm):**

Center Thickness Tolerance (mm):
±0.1

Clear Aperture (%):
90.00

Edge Thickness ET (mm):
2.6

Optical Properties

Effective Focal Length EFL (mm):
20.00

Substrate:
N-SF5

f#:
0.8

Numerical Aperture NA:
0.63

Coating:
MgF₂ (400-700nm)

Wavelength Range (nm):
400 - 700

Back Focal Length BFL (mm):
14.6

Coating Specification:
R_{avg} ≤ 1.75% @ 400 - 700nm

Focal Length Specification Wavelength (nm):
587.6

Surface Accuracy, RMS (μm):
1.0

Surface Quality:
60-40

Regulatory Compliance

RoHS 2015:
Compliant

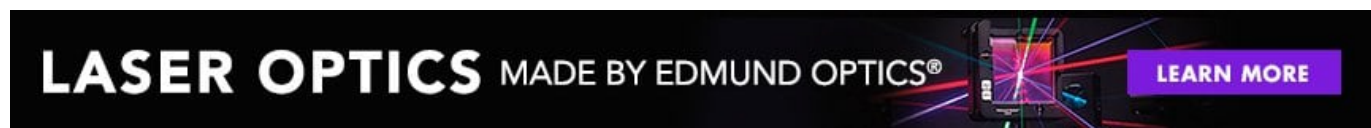
Certificate of Conformance:
[View](#)

Reach 235:
Compliant

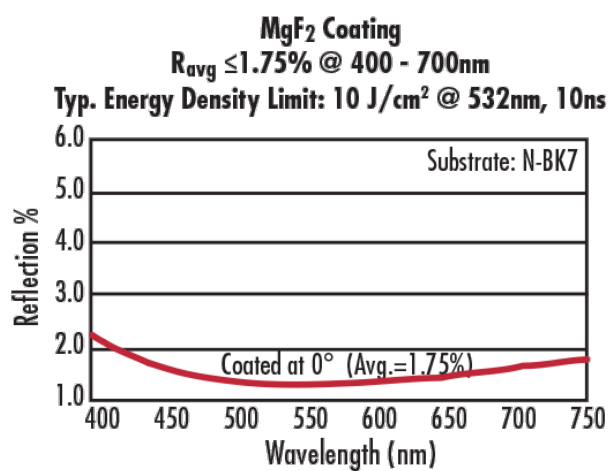
Product Details

- Diffraction Limited Design
- Ideal for Creating Thin Line Profiles of Monochromatic Light Sources
- Focus Light in Single Dimension

TECHSPEC® Acylinder Lenses are similar to aspheric lenses in that they provide diffraction-limited focusing performance in only one dimension. By reducing spherical aberration along the focusing axis, TECHSPEC® Acylinder Lenses are ideal for creating thin line profiles. Compared to standard cylinder lenses, TECHSPEC® Acylinder Lenses also dramatically reduce the spot size of monochromatic light sources to provide sharp, thin lines.



Technical Information



Coating Curves

