

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



TECHSPEC Acylinder Lenses

Stock **#86-037** **4 In Stock**

-

1

+

C\$1,360⁸⁰

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Volume Pricing	
Qty 1-5	C\$1,360.80 each
Qty 6-25	C\$1,085.00 each
Qty 26-49	C\$1,001.00 each
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Product Downloads

General	
Acylinder Lens	Type:
Physical & Mechanical Properties	
25.00 +0.0/-0.1	Diameter (mm):
8.00	Center Thickness CT (mm):

±0.1	Center Thickness Tolerance (mm):
90.00	Clear Aperture (%):
3.1	Edge Thickness ET (mm):
Optical Properties	
25.00	Effective Focal Length EFL (mm):
N-SF5	Substrate: □
1.00	f/#:
0.50	Numerical Aperture NA:
MgF ₂ (400-700nm)	Coating:
400 - 700	Wavelength Range (nm):
20.2	Back Focal Length BFL (mm):
R _{avg} ≤1.75% @400 - 700nm	Coating Specification:
587.6	Focal Length Specification Wavelength (nm):
1.0	Surface Accuracy, RMS (μm):
60-40	Surface Quality:

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

Product Details

• Diffraction Limited Design

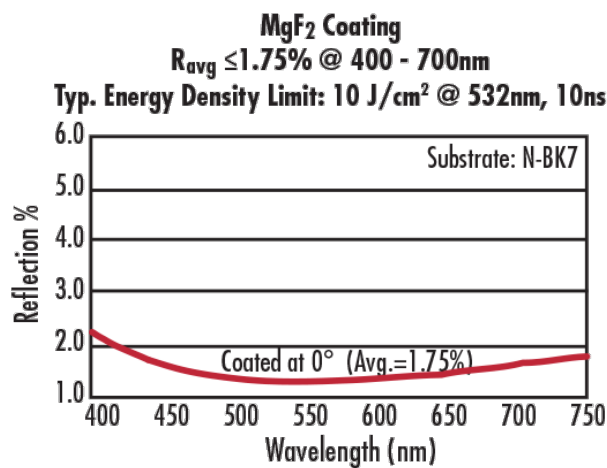
• Ideal for Creating Thin Line Profiles of Monochromatic Light Sources

• 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

