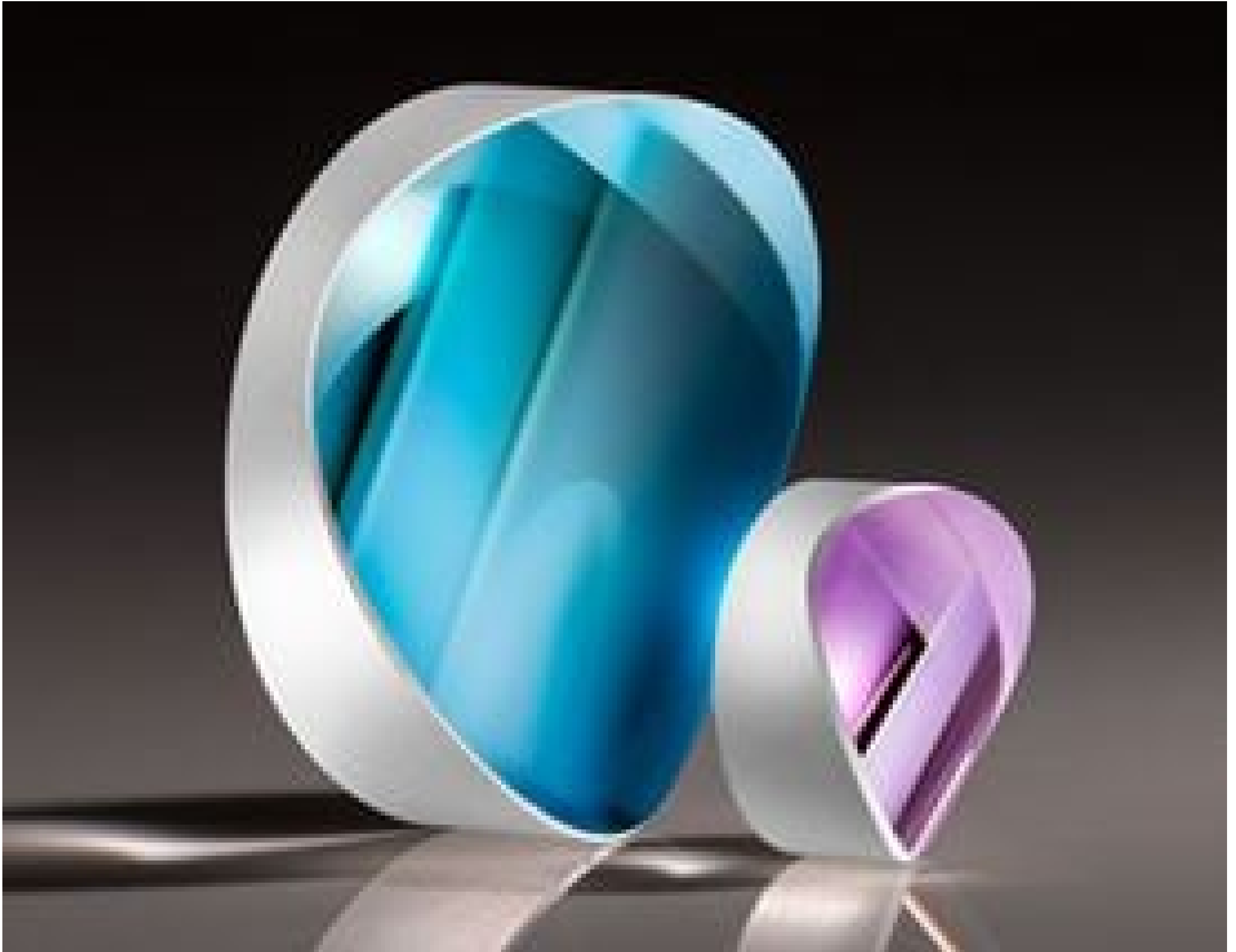


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TECHSPEC® 25mm Dia x 20mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

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

⊖ 1 ⊕ £777⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	£777.60 each
Qty 6-25	£620.00 each
Qty 26-49	£572.00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Acylinder Lens **Type:**

Physical & Mechanical Properties

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

Center Thickness CT (mm):

9.00	Center Thickness Tolerance (mm):
±0.1	
	Clear Aperture (%):
90.00	
	Edge Thickness ET (mm):
2.6	

Optical Properties

20.00	Effective Focal Length EFL (mm):
	Substrate: <input type="checkbox"/>
N-SF5	
	f#:
0.8	
	Numerical Aperture NA:
0.63	
	Coating:
MgF ₂ (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	

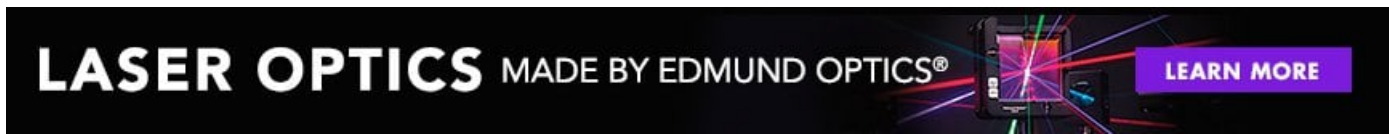
Regulatory Compliance

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

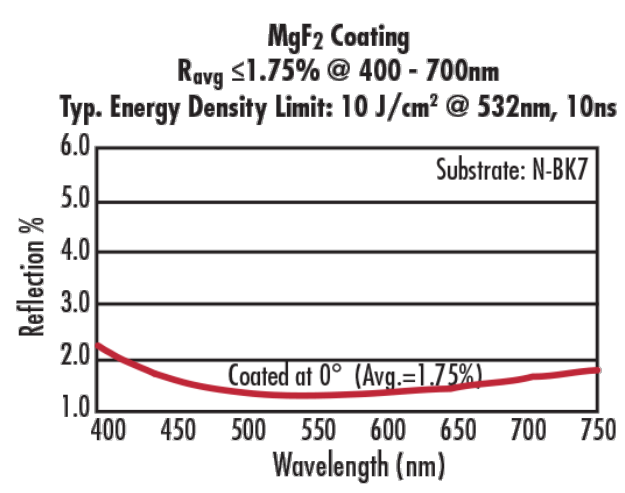
Product Details

- 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

