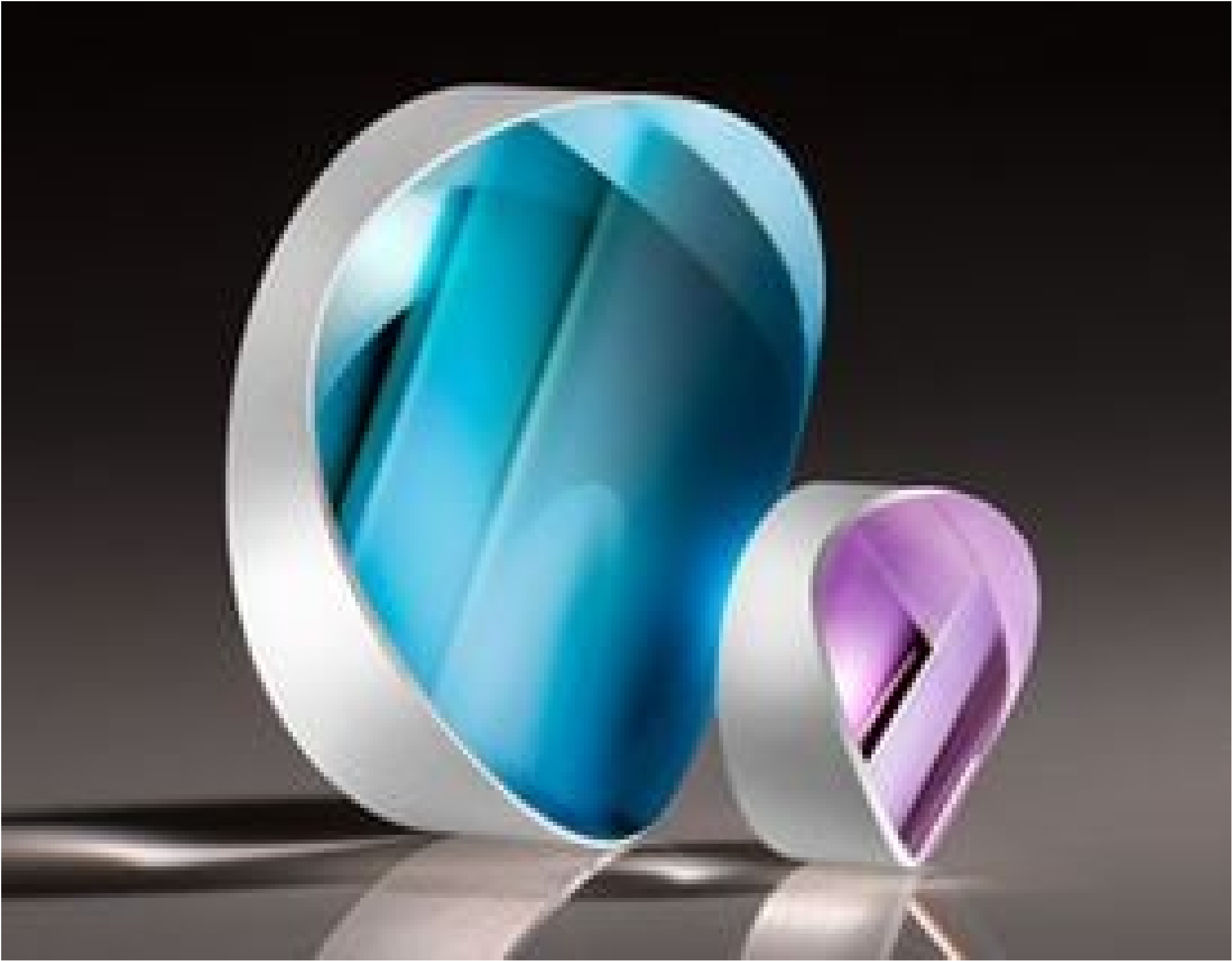


TECHSPEC[®] 25mm Dia x 25mm FL Acylinder Lens, MgF₂ Coated



TECHSPEC Acylinder Lenses

Stock **#86-037** **3 In Stock**

-

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

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Acylinder Lens

Physical & Mechanical Properties

Diameter (mm):

25.00 +0.0/-0.1

Center Thickness CT (mm):

8.00	
±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

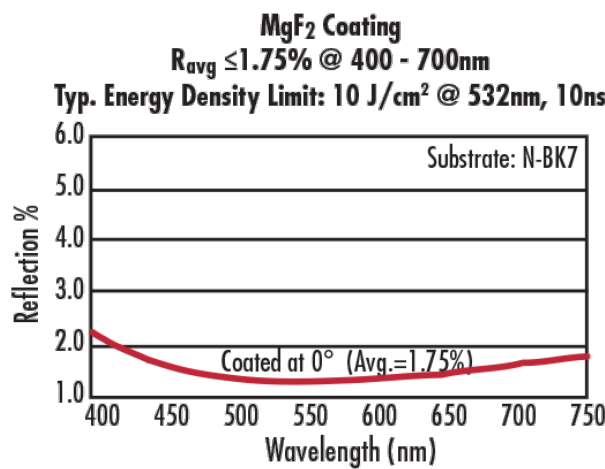
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

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

