

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

ⓘ 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):**

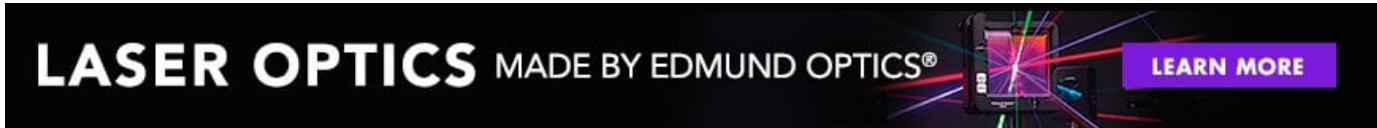
Center Thickness CT (mm):

8.00	Center Thickness Tolerance (mm):
±0.1	
	Clear Aperture (%):
90.00	
	Edge Thickness ET (mm):
3.1	
Optical Properties	
	Effective Focal Length EFL (mm):
25.00	
	Substrate: <input type="checkbox"/>
N-SF5	
	f#:
1.00	
	Numerical Aperture NA:
0.50	
	Coating:
MgF ₂ (400-700nm)	
	Wavelength Range (nm):
400 - 700	
	Back Focal Length BFL (mm):
20.2	
	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	

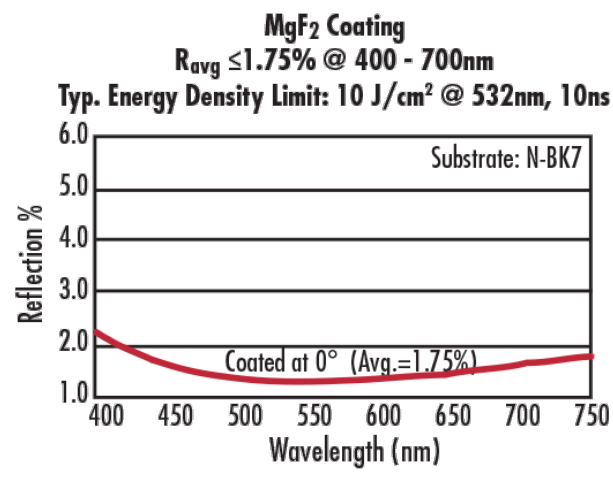
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 235:
Compliant	

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

