

**TECHSPEC® 25mm Dia x 25mm FL Acylinder Lens, MgF<sub>2</sub> Coated**



TECHSPEC Acylinder Lenses

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

⊖ 1 ⊕ €972.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€972,00 each
Qty 6-25	€775,00 each
Qty 26-49	€715,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ 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):**

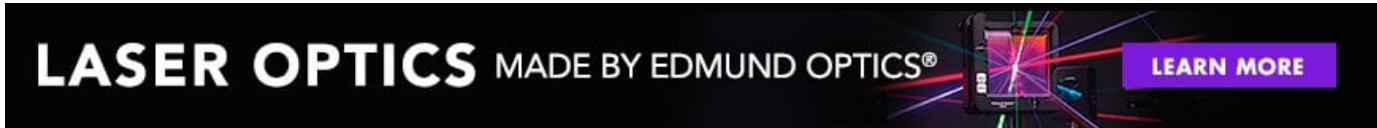
**Center Thickness CT (mm):**

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

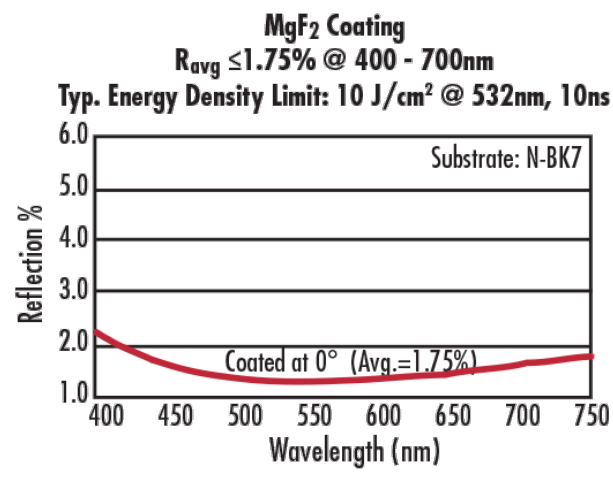
<b>Regulatory Compliance</b>	
	RoHS 2015:
<b>Compliant</b>	
	Certificate of Conformance:
<b>View</b>	
	Reach 235:
<b>Compliant</b>	

## 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

