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**TECHSPEC® 50mm Dia x -200mm FL, Enhanced Aluminum, Convex Mirror**



Convex Mirrors

Stock **#87-675** [CONTACT US](#)

⊖ 1 ⊕ **\$\$113<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>\$\$113.40</b> each
Qty 6-25	<b>\$\$91.00</b> each
Qty 26-49	<b>\$\$86.80</b> each
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Product Downloads

**General**

Spherical Mirror **Type:**

**Physical & Mechanical Properties**

50.00 **Diameter (mm):**

5.00 **Center Thickness CT (mm):**

90.00	Clear Aperture (%):
+0.0/-0.1	Dimensional Tolerance (mm):
4.21	Edge Thickness ET (mm):
400.0	Radius R (mm):
±0.1	Thickness Tolerance (mm):
<b>Optical Properties</b>	
-200.00	Focal Length FL (mm):
Enhanced Aluminum (450-650nm)	Coating:
R <sub>avg</sub> >95% @450 - 650nm	Coating Specification:
Metal	Coating Type:
±2	Focal Length Tolerance (%):
<a href="#">N-BK7</a>	Substrate: <input type="checkbox"/>
λ/2	Surface Accuracy:
60-40	Surface Quality:
450 - 650	Wavelength Range (nm):

<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	Reach 247:

## Product Details

- Precision Polished Surface
- λ/2 Surface Accuracy
- Variety of Coating Options Offered

TECHSPEC® Convex Mirrors are ideal for expanding an imaging system's field of view without introducing chromatic aberrations. TECHSPEC Convex Mirrors utilize a precision polished surface with a λ/2 surface accuracy to maintain image quality. These optical mirrors create virtual, upright images. Shorter focal lengths generate wider fields of view, while longer focal lengths minimize distortion.

## Coating Curves

### Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).