

TECHSPEC[®] 50mm Dia x -400mm FL, Enhanced Aluminum, Convex Mirror



Convex Mirrors

Stock #87-676 8 In Stock

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1

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₹5,722

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Volume Pricing	
Qty 1-5	₹5,722 each
Qty 6-25	₹4,593 each
Qty 26-49	₹4,399 each
Need More?	Request Quote

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):
4.61	Edge Thickness ET (mm):
800.0	Radius R (mm):
±0.1	Thickness Tolerance (mm):
Optical Properties	
-400.00	Focal Length FL (mm):
Enhanced Aluminum (450-650nm)	Coating:
R _{avg} >95% @450 - 650nm	Coating Specification:
Metal	Coating Type:
±2	Focal Length Tolerance (%):
N-BK7	Substrate: ☐
λ/2	Surface Accuracy:
60-40	Surface Quality:
450 - 650	Wavelength Range (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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](#).

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