

**TECHSPEC® 1" Dia, 6" FL Enhanced Alum., Spherical Mirror**



Stock #49-610 **2 In Stock**

- 1 + €133.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	€133,00 each
Qty 10-25	€113,00 each
Qty 26-49	€106,00 each
Need More?	<a href="#">Request Quote</a>

! Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Spherical Mirror **Type:**

**Physical & Mechanical Properties**

25.40 +0/-0.3 **Diameter (mm):**

Ground **Back Surface:**

1.0	Diameter (inches):
+0/-0.01	Diameter Tolerance (inches):
0.25	Edge Thickness ET (inches):
6.35	Edge Thickness ET (mm):
+0.0/-15	Edge Thickness Tolerance (%):

## Optical Properties

Metal	Coating Type:
Enhanced Aluminum (450-650nm)	Coating:
450 - 650	Wavelength Range (nm):
152.40	Effective Focal Length EFL (mm):
<a href="#">BOROFLOAT®</a>	Substrate: <input type="checkbox"/>
f/6	Aperture (f/#):
$R_{avg} > 95\%$ @ 450 - 650nm	Coating Specification:
6.00	Effective Focal Length EFL (inches):
±2	Focal Length Tolerance (%):
λ/4	Surface Accuracy:
60-40	Surface Quality:
0.2 J/cm <sup>2</sup> @ 532nm, 10ns	Damage Threshold, Reference: <input type="checkbox"/>
304.80	Radius of Curvature (mm):

## Regulatory Compliance

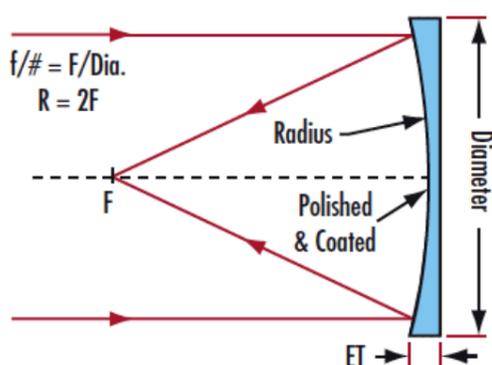
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	Reach 247:

## Product Details

- Ideal for Multispectral Focusing Applications
- Variety of Coating Options Offered
- Multiple Sizes Available
- [λ/8 Precision Spherical Mirrors](#) Also Available

TECHSPEC® λ/4 Precision Spherical Mirrors are ideal for light collection in multispectral imaging applications. These mirrors are available in a wide range of metallic coating options covering the UV, VIS, and IR spectrum. A BOROFLOAT® substrate provides a good combination of performance and value. TECHSPEC® λ/4 Precision Spherical Mirrors are available in diameters ranging from 25.4 to 152.4mm for ease of system integration. These mirrors collect and focus light without introducing chromatic aberration.

## Technical Information



# 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](#).

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