

**TECHSPEC® 1" Dia, 1" FL Uncoated, Spherical Mirror**



Stock #43-335 **20+ In Stock**

- 1 + C\$159.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	C\$159.60 each
Qty 10-25	C\$133.00 each
Qty 26-49	C\$126.00 each
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Product Downloads

**General**

Spherical Mirror **Type:**

**Physical & Mechanical Properties**

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

Ground **Back Surface:**

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

## Optical Properties

Uncoated	<b>Coating Type:</b>
Uncoated	<b>Coating:</b>
25.40	<b>Effective Focal Length EFL (mm):</b>
<a href="#">BOROFLOAT®</a>	<b>Substrate:</b> <input type="checkbox"/>
f/1	<b>Aperture (f/#):</b>
1.00	<b>Effective Focal Length EFL (inches):</b>
±2	<b>Focal Length Tolerance (%):</b>
λ/4	<b>Surface Accuracy:</b>
60-40	<b>Surface Quality:</b>
50.80	<b>Radius of Curvature (mm):</b>

## Regulatory Compliance

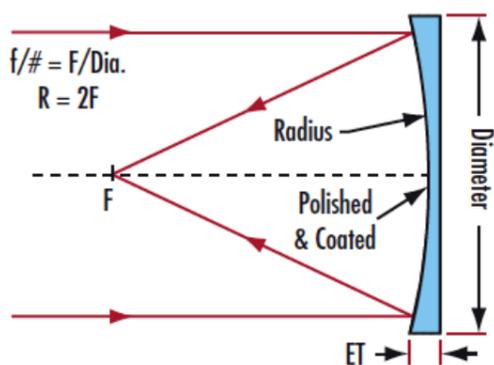
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">Compliant</a>	<b>Reach 219:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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



## 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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