

**TECHSPEC® 25 x 25mm UV Enhanced Aluminum,  $\lambda/4$  Mirror**



Stock #45-334 **20+ In Stock**

- 1 + A\$128<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	A\$128.00 each
Qty 6-25	A\$102.40 each
Qty 26-49	A\$96.80 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

6.00 ±0.25 **Thickness (mm):**

25.0 x 25.0 **Dimensions (mm):**

Commercial Polish	<b>Back Surface:</b>
Protective as needed	<b>Bevel:</b>
85	<b>Clear Aperture (%):</b>
±0.25	<b>Dimensional Tolerance (mm):</b>
Fine Ground	<b>Edges:</b>
25.00	<b>Length (mm):</b>
25.00	<b>Width (mm):</b>
<b>Optical Properties</b>	
0.25 - 0.7	<b>Wavelength Range (µm):</b>
Metal	<b>Coating Type:</b>
Enhanced Aluminum (250-700nm)	<b>Coating:</b>
λ/4	<b>Surface Flatness (P-V):</b>
250 - 700	<b>Wavelength Range (nm):</b>
<a href="#">BOROFLOAT®</a>	<b>Substrate:</b> <input type="checkbox"/>
R <sub>avg</sub> >89% @ 250 - 450nm R <sub>avg</sub> >85% @ 250 - 700nm	<b>Coating Specification:</b>
60-40	<b>Surface Quality:</b>
0.5 J/cm <sup>2</sup> @ 355nm, 10ns	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>

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

## Product Details

- Available in a Wide Range of Sizes and Shapes
- Precision Metallic Mirror Coatings
- [Contact Us](#) for Custom Sizes

TECHSPEC® λ/4 First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The coated surface should be oriented to reflect incident light. TECHSPEC λ/4 First Surface Mirrors are offered in circular, square, and rectangular dimensions. First surface mirrors are ideal for applications requiring the mirror to be mounted at 45° in order to produce a 90° bend in the light path. These first surface mirrors easily mount into a [range of optical mounts](#) to facilitate application integration. The mirrors have available coatings of enhanced aluminum, protected aluminum, protected silver, and protected gold.

**Note:** Surface flatness is measured before coating.

A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

## 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](#).

## Compatible Mounts