

**TECHSPEC® 25 x 35mm Protected Aluminum,  $\lambda/4$  Mirror**



Stock #30-286 **20+ In Stock**

⊖ 1 ⊕ €67.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€67,00 each
Qty 6-25	€53,50 each
Qty 26-49	€50,50 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Flat Mirror **Type:**

**Physical & Mechanical Properties**

Fine Grind **Back Surface:**

25.0 x 35.0 **Dimensions (mm):**

<b>Dimensional Tolerance (mm):</b>	+0/-0.5
<b>Bevel:</b>	Protective as needed
<b>Clear Aperture (%):</b>	85
<b>Edges:</b>	Fine Ground
<b>Thickness (mm):</b>	5.00 +0.5/-0
<b>Length (mm):</b>	35.00
<b>Width (mm):</b>	25.00

## Optical Properties

<b>Surface Flatness (P-V):</b>	λ/4
<b>Substrate:</b> <input type="checkbox"/>	BOROFLOAT®
<b>Surface Quality:</b>	60-40
<b>Coating Specification:</b>	R <sub>avg</sub> >85% @ 400 - 700nm R <sub>avg</sub> >90% @ 400 - 2000nm
<b>Coating:</b>	Protected Aluminum (400-2000nm)
<b>Coating Type:</b>	Metal
<b>Wavelength Range (μm):</b>	0.4 - 2.0
<b>Wavelength Range (nm):</b>	400 - 2000
<b>Damage Threshold, Reference:</b> <input type="checkbox"/>	0.3 J/cm <sup>2</sup> @ 532nm & 1064nm, 10ns

## Regulatory Compliance

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

## 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