

**TECHSPEC® 15mm Dia. Protected Gold,  $\lambda/4$  Mirror**



Stock #63-174 **20+ In Stock**

- 1 + €89<sup>.50</sup>

**ADD TO CART**

Volume Pricing

Qty 1-5	€89,50 each
Qty 6-25	€72,00 each
Qty 26-49	€67,00 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**

15.00 **Diameter (mm):**

Commercial Polish **Back Surface:**

+0.0/-0.25	<b>Dimensional Tolerance (mm):</b>
Protective as needed	<b>Bevel:</b>
85	<b>Clear Aperture (%):</b>
Fine Ground	<b>Edges:</b>
2.00 ±0.25	<b>Thickness (mm):</b>
<b>Optical Properties</b>	
λ/4	<b>Surface Flatness (P-V):</b>
<a href="#">BOROFLOAT®</a>	<b>Substrate:</b> <input type="checkbox"/>
60-40	<b>Surface Quality:</b>
R <sub>avg</sub> >96% @ 700 - 2000nm R <sub>avg</sub> >96% @ 2000 - 10,000nm	<b>Coating Specification:</b>
Protected Gold (700-10000nm)	<b>Coating:</b>
Metal	<b>Coating Type:</b>
0.7 - 10	<b>Wavelength Range (μm):</b>
700 - 10000	<b>Wavelength Range (nm):</b>
0.8 J/cm <sup>2</sup> @ 1064nm, 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