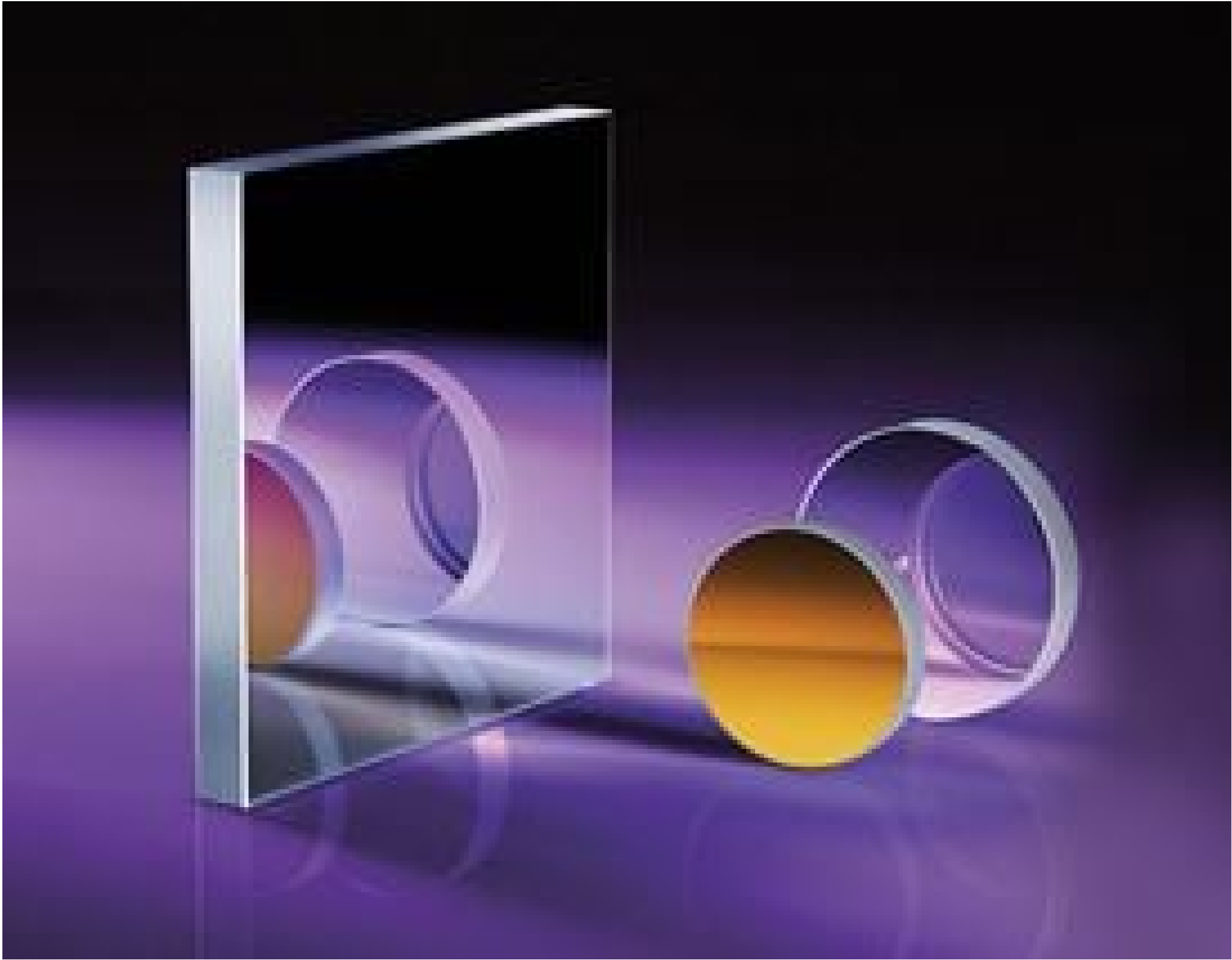


TECHSPEC<sup>®</sup> 40mm Dia. Enhanced Aluminum,  $\lambda/4$  Mirror



Stock #63-166 9 In Stock

-

1

+

A\$188<sup>.80</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$188.80 each                |
| Qty 6-25       | A\$151.20 each                |
| Qty 26-49      | A\$142.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Flat Mirror                      | Type:           |
| Physical & Mechanical Properties |                 |
| 40.00                            | Diameter (mm):  |
| 4.00 ±0.25                       | Thickness (mm): |

|                                     |                                |
|-------------------------------------|--------------------------------|
| Commercial Polish                   | Back Surface:                  |
| Protective as needed                | Bevel:                         |
| 85                                  | Clear Aperture (%):            |
| +0.0/-0.25                          | Dimensional Tolerance (mm):    |
| Fine Ground                         | Edges:                         |
| Optical Properties                  |                                |
| 0.45 - 0.65                         | Wavelength Range (µm):         |
| Metal                               | Coating Type:                  |
| Enhanced Aluminum (450-650nm)       | Coating:                       |
| λ/4                                 | Surface Flatness (P-V):        |
| 450 - 650                           | Wavelength Range (nm):         |
| BOROFLOAT®                          | Substrate: □                   |
| R <sub>avg</sub> >95% @450 - 650nm  | Coating Specification:         |
| 60-40                               | Surface Quality:               |
| 0.2 J/cm <sup>2</sup> @ 532nm, 10ns | Damage Threshold, Reference: □ |
| Regulatory Compliance               |                                |
| Compliant                           | RoHS 2015:                     |
| View                                | Certificate of Conformance:    |
| Compliant                           | Reach 247:                     |

## 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](#).

## 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.

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

## Coating Curves

## Compatible Mounts