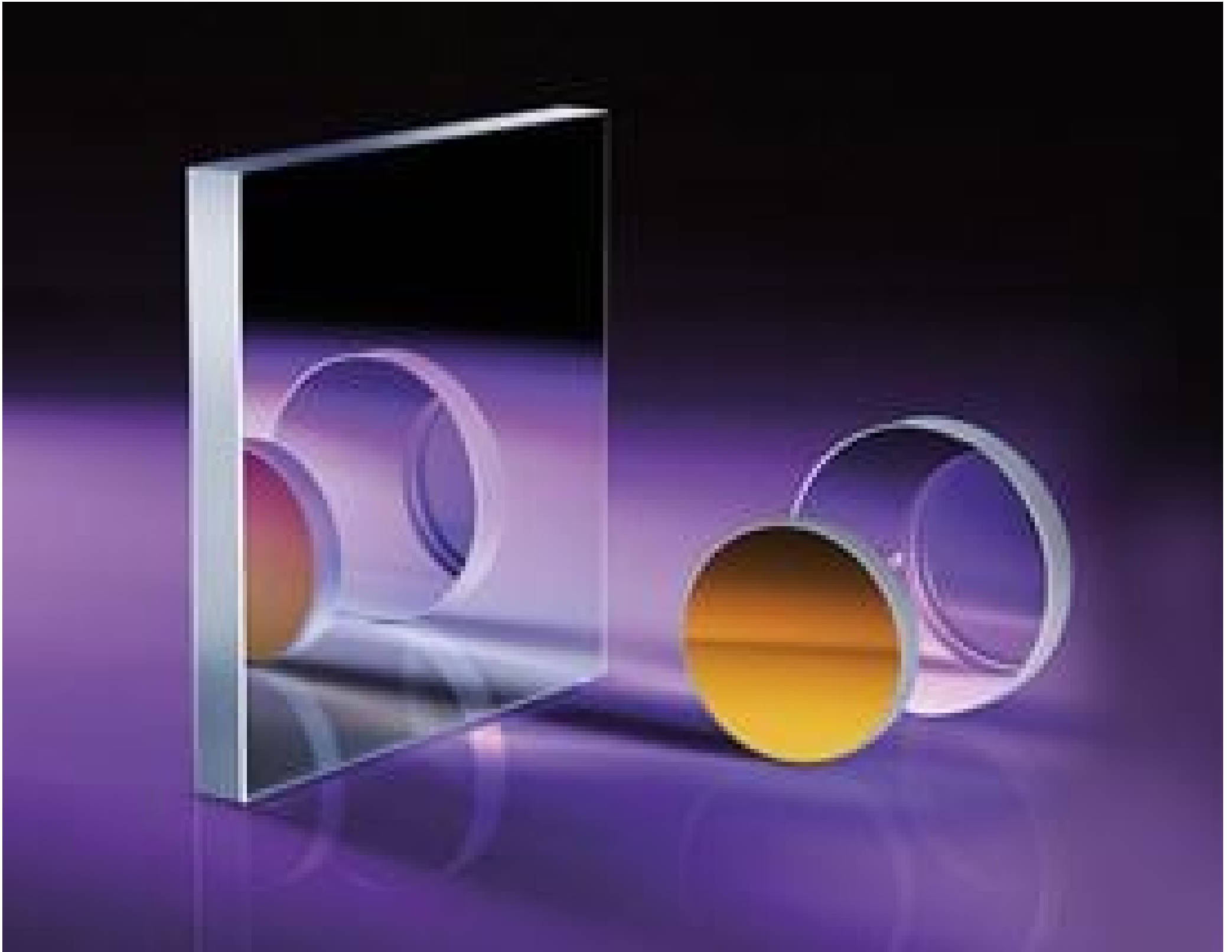


**TECHSPEC® 35 x 50mm UV Enhanced Aluminum, λ/4 Mirror**



Stock #25-751 **7 In Stock**

⊖ 1 ⊕ C\$151<sup>37</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | C\$151.37 each                |
| Qty 6-25       | C\$121.69 each                |
| Qty 26-49      | C\$114.27 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**SPECIFICATIONS**

**General**

Type:

Flat Mirror

**Physical & Mechanical Properties**

|                      |                                    |
|----------------------|------------------------------------|
| Commercial Polish    | <b>Back Surface:</b>               |
| 35.0 x 50.0          | <b>Dimensions (mm):</b>            |
| +0.0/-0.25           | <b>Dimensional Tolerance (mm):</b> |
| Protective as needed | <b>Bevel:</b>                      |
| 90                   | <b>Clear Aperture (%):</b>         |
| Fine Ground          | <b>Edges:</b>                      |
| 5.00 ±0.25           | <b>Thickness (mm):</b>             |
| 35.00                | <b>Length (mm):</b>                |
| 50.00                | <b>Width (mm):</b>                 |

## Optical Properties

|  |  |
|--|--|
| λ/4  | <b>Surface Flatness (P-V):</b>                               |
| <b>BOROFLOAT®</b>  | <b>Substrate:</b> <input type="checkbox"/>                   |
| 60-40  | <b>Surface Quality:</b>                                      |
| R <sub>avg</sub> >89% @ 250 - 450nm<br>R <sub>avg</sub> >85% @ 250 - 700nm | <b>Coating Specification:</b>                                |
| Enhanced Aluminum (250-700nm)  | <b>Coating:</b>  |
| Metal  | <b>Coating Type:</b>   |
| 0.25 - 0.7   | <b>Wavelength Range (μm):</b>                                |
| 250 - 700  | <b>Wavelength Range (nm):</b>                                |
| 0.5 J/cm <sup>2</sup> @ 355nm, 10ns  | <b>Damage Threshold, Reference:</b> <input type="checkbox"/> |

## Regulatory Compliance

|                  |                                    |
|------------------|------------------------------------|
| <b>Compliant</b> | <b>RoHS 2015:</b>                  |
| <b>View</b>      | <b>Certificate of Conformance:</b> |
| <b>Compliant</b> | <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](#).