

TECHSPEC<sup>®</sup> 15mm Dia. Enhanced Aluminum,  $\lambda/4$  Mirror



Stock #63-162 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 MirrorType:

Physical & Mechanical Properties

15.00Diameter (mm):

2.00 ±0.25Thickness (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): |
|-----------|------------------------|

|                            |                                     |
|----------------------------|-------------------------------------|
| <a href="#">BOROFLOAT®</a> | Substrate: <input type="checkbox"/> |
|----------------------------|-------------------------------------|

|                                     |                        |
|-------------------------------------|------------------------|
| R <sub>avg</sub> >95% @ 450 - 650nm | Coating Specification: |
|-------------------------------------|------------------------|

|       |                  |
|-------|------------------|
| 60-40 | Surface Quality: |
|-------|------------------|

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| 0.2 J/cm² @ 532nm, 10ns | Damage Threshold, Reference: <input type="checkbox"/> |
|-------------------------|-------------------------------------------------------|

Regulatory Compliance

|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | RoHS 2015: |
|---------------------------|------------|

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | Certificate of Conformance: |
|----------------------|-----------------------------|

|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | Reach 247: |
|---------------------------|------------|

## 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

## 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