

TECHSPEC<sup>®</sup> 16 x 23mm Protected Aluminum, λ/4 Mirror



Stock #30-875 20+ In Stock

-

1

+

S\$70<sup>.95</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$70.95 each                 |
| Qty 6-25       | S\$56.01 each                 |
| Qty 26-49      | S\$53.02 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:  
Flat Mirror

Physical & Mechanical Properties

|                                                                             |                                |
|-----------------------------------------------------------------------------|--------------------------------|
| Ground                                                                      | Back Surface:                  |
| 16.0 x23.0                                                                  | Dimensions (mm):               |
| +0/-0.5                                                                     | Dimensional Tolerance (mm):    |
| Protective as needed                                                        | Bevel:                         |
| 85                                                                          | Clear Aperture (%):            |
| Fine Ground                                                                 | Edges:                         |
| 5.00 +0.5/-0                                                                | Thickness (mm):                |
| 23.00                                                                       | Length (mm):                   |
| 16.00                                                                       | Width (mm):                    |
| Optical Properties                                                          |                                |
| λ/4                                                                         | Surface Flatness (P-V):        |
| BOROFLOAT®                                                                  | Substrate: □                   |
| 60-40                                                                       | Surface Quality:               |
| R <sub>avg</sub> >85% @ 400 - 700nm<br>R <sub>avg</sub> >90% @ 400 - 2000nm | Coating Specification:         |
| Protected Aluminum (400-2000nm)                                             | Coating:                       |
| Metal                                                                       | Coating Type:                  |
| 0.4 - 2.0                                                                   | Wavelength Range (μm):         |
| 400 - 2000                                                                  | Wavelength Range (nm):         |
| 0.3 J/cm <sup>2</sup> @ 532nm & 1064nm, 10ns                                | Damage Threshold, Reference: □ |
| Regulatory Compliance                                                       |                                |
| Compliant                                                                   | RoHS 2015:                     |
| Compliant                                                                   | Reach 219:                     |
| View                                                                        | Certificate of Conformance:    |

## 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

