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TECHSPEC[®]

16 x 23mm Protected Gold, $\lambda/4$ Mirror



Stock **#32-432** 14 In Stock

-

1

+

£71⁶⁰

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Volume Pricing	
Qty 1-5	£71.60 each
Qty 6-25	£57.60 each
Qty 26-49	£53.60 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Flat Mirror

Type:

Physical & Mechanical Properties

5.00 +0.5/-0

Thickness (mm):

16.0 x 23.0

Dimensions (mm):

	Back Surface:
Ground	
	Bevel:
Protective as needed	
	Clear Aperture (%):
85	
	Dimensional Tolerance (mm):
+0/-0.5	
	Edges:
Fine Ground	
	Length (mm):
23.00	
	Width (mm):
16.00	

Optical Properties	
	Wavelength Range (µm):
0.7 - 10	
	Coating Type:
Metal	
	Coating:
Protected Gold (700-10000nm)	
	Surface Flatness (P-V):
λ/4	
	Wavelength Range (nm):
700 - 10000	
	Substrate: ☐
BOROFLOAT®	
	Coating Specification:
R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	
	Surface Quality:
60-40	
	Damage Threshold, Reference: ☐
0.8 J/cm ² @ 1064nm, 10ns	

Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 250:
Compliant	

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.

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

Compatible Mounts