

TECHSPEC[®] 50.8mm Dia Enhanced Aluminum, 4-6λ Mirror



Stock #83-489 1 In Stock

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1

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₹3,192

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Volume Pricing	
Qty 1-5	₹3,192 each
Qty 6-25	₹2,472 each
Qty 26-99	₹2,258 each
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Product Downloads

General	
Flat Mirror	Type:
Physical & Mechanical Properties	
50.80 ±0.25	Diameter (mm):
3.00 nominal	Thickness (mm):

48.26	Clear Aperture CA (mm):
±0.25	Dimensional Tolerance (mm):
Edges:	
Ground, 0.5mm Maximum Edge Chip	
Optical Properties	
Metal	Coating Type:
Enhanced Aluminum (450-650nm)	Coating:
Surface Flatness (P-V):	
4 - 6λ	
Wavelength Range (nm):	
450 - 650	
Float Glass	Substrate: □
Coating Specification:	
R _{avg} ≥95% @450 - 650nm @45°	
Surface Quality:	
60-40	
Damage Threshold, By Design: □	
0.2 J/cm ² @532nm, 10ns	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	
Country of Origin:	
United States	
Imported By:	
Edmund Optics India Private Limited	

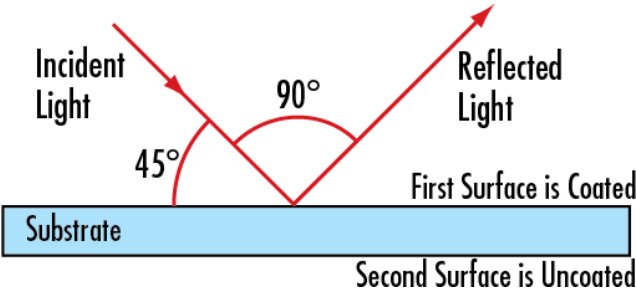
Product Details

- Wide Variety of Shapes and Sizes Available
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings for high reflectivity from 450-10000nm
- [Contact Us](#) for Custom Sizes

TECHSPEC® First Surface Mirrors feature a high reflectivity coating deposited on the front surface of the glass substrate. The mirrors are available in enhanced aluminum, protected gold, and protected silver coatings for high reflectivity from 450-10000nm. The coated surface should be oriented to reflect incident light. TECHSPEC 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.

Note: A range of mounts specifically compatible with individual TECHSPEC® First Surface Mirrors can be found on product web pages.

Technical Information



Coating Curves

Compatible Mounts