

TECHSPEC® 200mm Dia., Enhanced Aluminum, 4-6λ Mirror



Stock #19-351 **8 In Stock**

⊖ 1 ⊕ MRP ₹13,721

● Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-5	₹13,721 each
Qty 6-25	₹10,594 each
Qty 26-49	₹9,887 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror **Type:**

Physical & Mechanical Properties

200.00 +0.00/-0.25 **Diameter (mm):**

3.00 (nominal) **Thickness (mm):**

180.00 Clear Aperture CA (mm):

Ground, 0.5mm Maximum Edge Chip Edges:

Optical Properties

Metal Coating Type:

Enhanced Aluminum (450-650nm) Coating:

4 - 6λ Surface Flatness (P-V):

450 - 650 Wavelength Range (nm):

Float Glass Substrate:

$R_{avg} \geq 95\%$ @ 450 - 650nm @ 45° Coating Specification:

60-40 Surface Quality:

0.2 J/cm² @ 532nm, 10ns Damage Threshold, By Design:

Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 247:

United States Country of Origin:

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.

TECHSPEC® First Surface Mirrors feature a high-reflectivity coating deposited on the front surface of a float-glass substrate to minimize ghosting and enable accurate beam redirection.

They are available with enhanced aluminum, protected silver, and protected gold coatings for applications requiring high reflectivity from 450 – 10000nm.

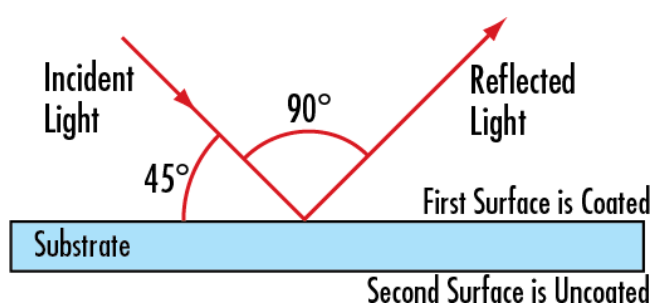
These mirrors are ideal for optical path folding, beam steering, and imaging systems where the mirror is mounted at 45° to produce a 90° bend in the light path.

Offered in circular, square, and rectangular formats, they are well-suited for OEM integration, prototype builds, and general laboratory alignment setups. With typical surface flatness of 4 – 6λ (waves) and 60-40 surface quality, they provide a cost-effective solution for applications that require reliable reflected beam performance without the added expense of precision polished substrates.

First-surface mirrors are commonly used in life sciences, metrology, semiconductor, and general photonics systems where the quality of reflected light is important.

For proper use, the coated surface should be oriented toward the incident light to avoid transmission through the substrate and preserve optical performance.

Technical Information



Coating Curves

