

TECHSPEC[®] 100mm Dia., Enhanced Aluminum, 4-6λ Mirror



Stock #18-920 15 In Stock

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1

+

S\$89^{.60}

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Volume Pricing	
Qty 1-5	S\$89.60 each
Qty 6-25	S\$68.60 each
Qty 26-49	S\$64.40 each
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Product Downloads

General

Flat MirrorType:

Physical & Mechanical Properties

100.00 +0.00/-0.25Diameter (mm):

90.00Clear Aperture CA (mm):

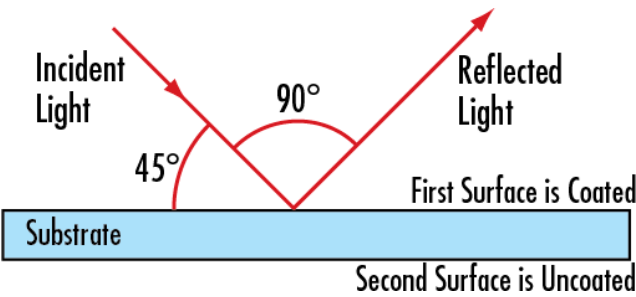
Edges:	
Ground, 0.5mm Maximum Edge Chip	
Thickness (mm):	
3.00 (nominal)	
Optical Properties	
Surface Flatness (P-V):	
4 - 6λ	
Substrate: □	
Float Glass	
Surface Quality:	
60-40	
Coating Specification:	
R _{avg} ≥95% @450 - 650nm @ 45°	
Coating:	
Enhanced Aluminum (450-650nm)	
Coating Type:	
Metal	
Wavelength Range (nm):	
450 - 650	
Damage Threshold, By Design: □	
0.2 J/cm ² @ 532nm, 10ns	

Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	

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