

**TECHSPEC® 5mm Enhanced Aluminum Coated, UV Fused Silica Right Angle Mirror**



Stock #22-545 **15 In Stock**

⊖ 1 ⊕ C\$278<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	C\$278.60 each
Qty 6-25	C\$224.00 each
Qty 26-49	C\$210.00 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**SPECIFICATIONS**

**General**

Right Angle Mirror **Type:**

**Physical & Mechanical Properties**

5.00	<b>Length of Legs (mm):</b>
+0.00/-0.10	<b>Dimensional Tolerance (mm):</b>
Protective as needed	<b>Bevel:</b>
6.36 x 4.50	<b>Clear Aperture CA (mm):</b>
7.10	<b>Length of Hypotenuse (mm):</b>

## Optical Properties

$\lambda/20$	<b>Surface Flatness (P-V):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
20-10	<b>Surface Quality:</b>
$R_{avg} >95\%$ @ 450 - 650nm	<b>Coating Specification:</b>
Enhanced Aluminum (450-650nm)	<b>Coating:</b>
Metal	<b>Coating Type:</b>
0.45 - 0.65	<b>Wavelength Range (<math>\mu\text{m}</math>):</b>
450 - 650	<b>Wavelength Range (nm):</b>
$\pm 15$	<b>Angle Tolerance (arcsec):</b>
0.2 J/cm <sup>2</sup> @ 532nm, 10ns	<b>Damage Threshold, Reference:</b> <input type="checkbox"/>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

## PRODUCT DETAILS

- Precision Fused Silica Substrates for Increased Thermal Stability
- Ideal for System Alignment
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings Available

TECHSPEC®  $\lambda/20$  Fused Silica Right Angle Mirrors feature broadband metal coatings and a  $\pm 15$  arcsecond angular tolerance for applications that require precision alignment. These highly reflective right angle mirrors simplify alignment when mounting and are easily integrated into systems that redirect light at 90°. TECHSPEC®  $\lambda/20$  Fused Silica Right Angle Mirrors utilize Fused Silica substrates for high temperature environments and their precision design and tolerances enable easy system integration. Coating options feature >95% reflectivity from 450nm to the long wave infrared (IR).

## TECHNICAL INFORMATION

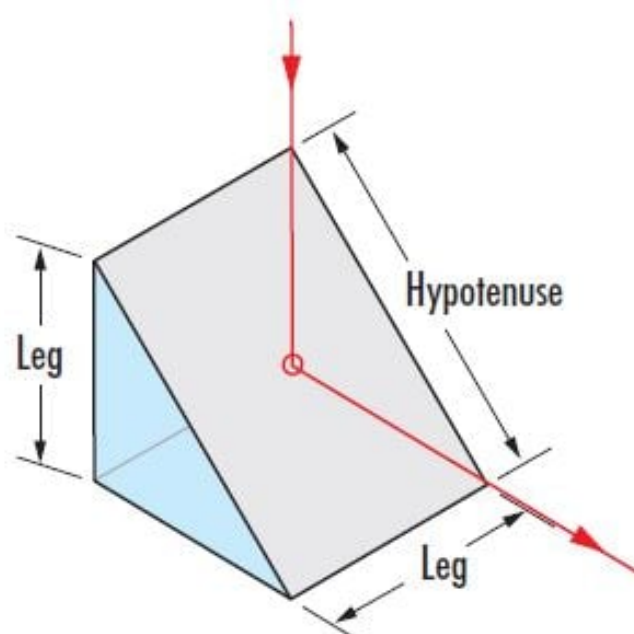
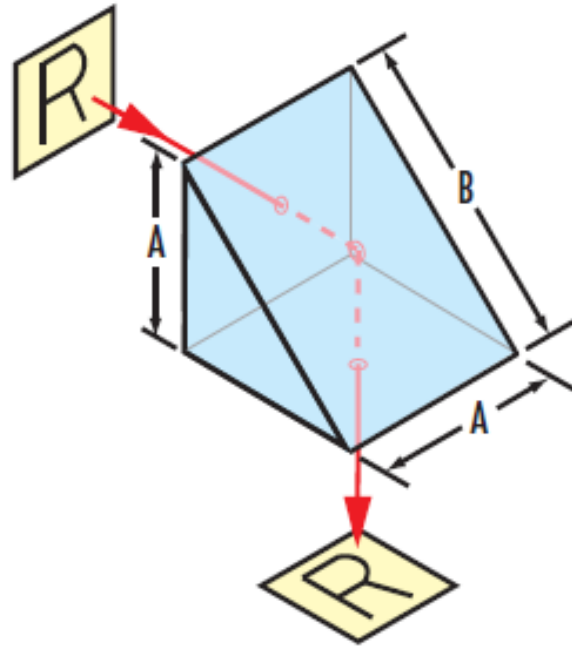


Image above shows light reflecting off the coated hypotenuse.



## COATING CURVES

### 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](#).

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