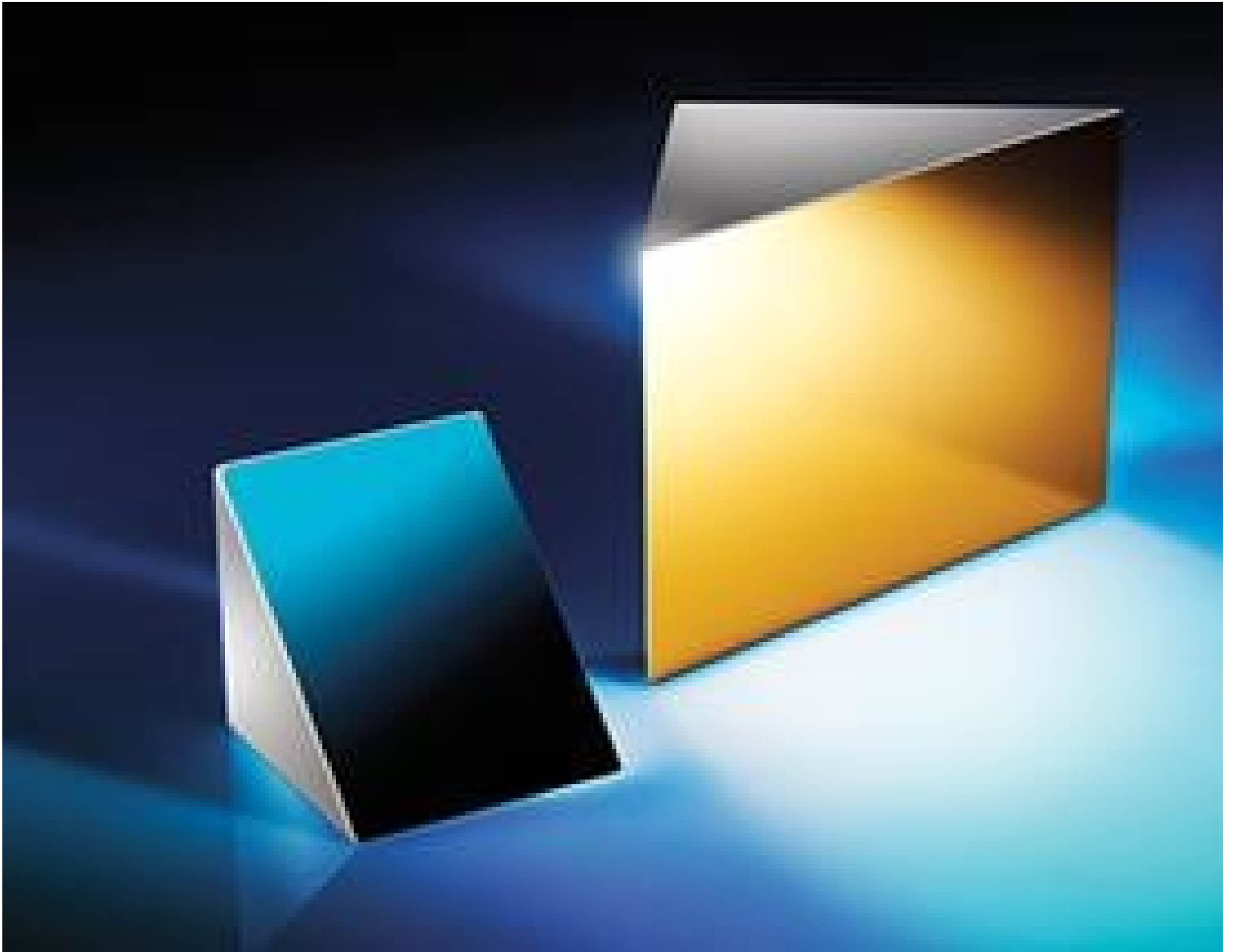


TECHSPEC® 40mm UV Enhanced Aluminum Coated, N-BK7 Right Angle Prism



Stock #24-185 **1 In Stock**

⊖ 1 ⊕ €215^{.27}

ADD TO CART

Volume Pricing	
Qty 1-5	€215,27 each
Qty 6-25	€172,01 each
Qty 26-49	€161,71 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Right Angle Mirror **Type:**

Physical & Mechanical Properties

40.00 Length of Legs (mm):

±0.1 Dimensional Tolerance (mm):

Protective as needed Bevel:

50.91 x 36.00 Clear Aperture CA (mm):

56.60 Length of Hypotenuse (mm):

Optical Properties

N-BK7 Substrate:

60-40 Surface Quality:

Coating Specification:
R_{avg} >85% @ 250 - 700nm
R_{avg} >89% @ 250 - 450nm

Enhanced Aluminum (250-700nm) Coating:

Metal Coating Type:

±2 Angle Tolerance (arcmin):

0.25 - 0.7 Wavelength Range (μm):

250 - 700 Wavelength Range (nm):

0.5 J/cm² @ 355nm, 10ns Damage Threshold, Reference:

1.25 Power (fringes) @ 632.8nm:

0.50 Irregularity (fringes) @ 632.8nm:

Regulatory Compliance

Compliant RoHS 2015:

View Certificate of Conformance:

Compliant Reach 247:

PRODUCT DETAILS

- Reflects Light at 90°
- Ideal for System Alignment
- Enhanced Aluminum, Protected Gold, and Protected Silver Coatings

TECHSPEC® Right Angle Mirrors are available with enhanced aluminum, protected gold, or protected silver coatings. These coatings allow for improved handling of the component, increased durability of the metal coating, and protection from oxidation with little impact on the performance of the metal coating. The mirrors are designed with an N-BK7 substrate. Right angle mirrors reflect incident light at 90°, are easily mounted, and are crucial in many optical systems. TECHSPEC® Right Angle Mirrors are ideal for applications requiring precision alignment and high performance.

TECHNICAL INFORMATION

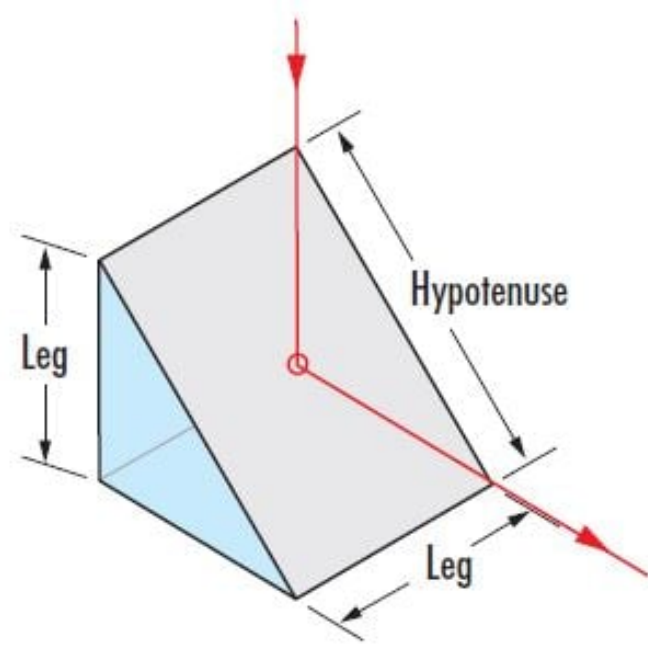
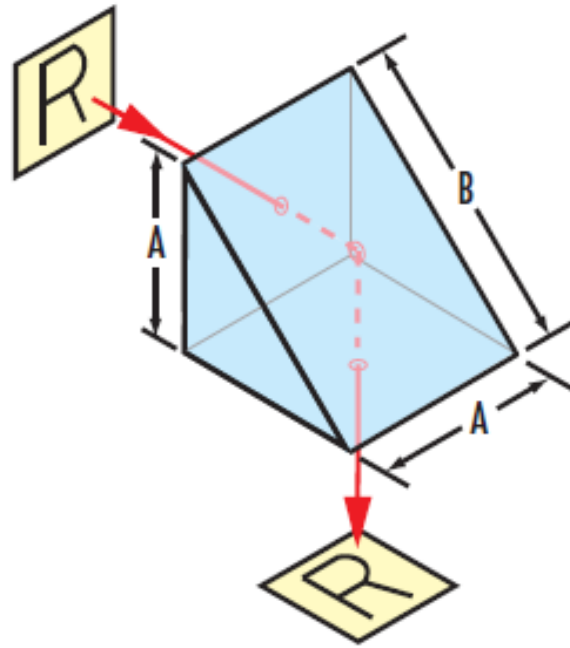


Image above shows light reflecting off the coated hypotenuse.



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](#).