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**TECHSPEC® 50mm VIS 0 Hypotenuse, BBAR Right Angle Prism**



Broadband Anti-Reflection Coated Hypotenuse Prism

Stock **#34-405** **6 In Stock**

⊖ 1 ⊕ €289.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€289,00 each
Qty 6-25	€231,00 each
Qty 26-49	€217,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Right Angle Prism **Type:**

**Physical & Mechanical Properties**

+0/-0.1 **Dimensional Tolerance (mm):**

**Bevel:**

Protective as needed

Length of Hypotenuse (mm):

70.70

Length of Legs (mm):

50.00

## Optical Properties

Beam Deviation (arcsec):

±15

Coating:

VIS 0° (425-675nm)

Substrate:

N-BK7

Surface Quality:

40-20

Image Orientation:

Left-Handed

Coating Specification:

$R_{avg} \leq 0.4\%$  @ 425 - 675nm

Ray Deviation (°):

90

Wavelength Range (nm):

350 - 2200

Power (fringes) @ 632.8nm:

1.25

Irregularity (fringes) @ 632.8nm:

0.25

## Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 235:

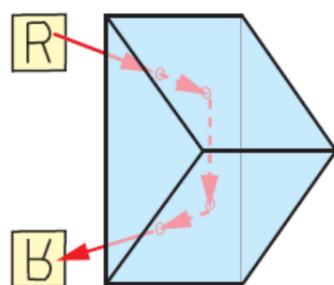
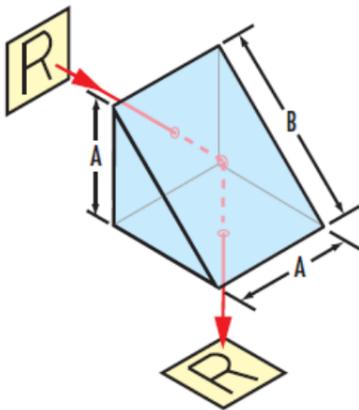
Compliant

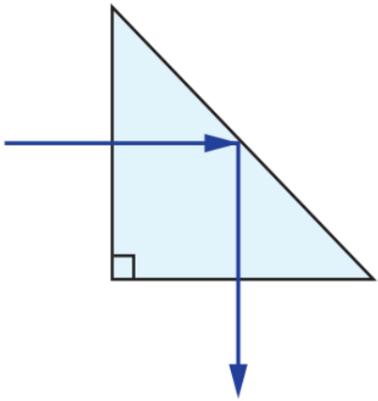
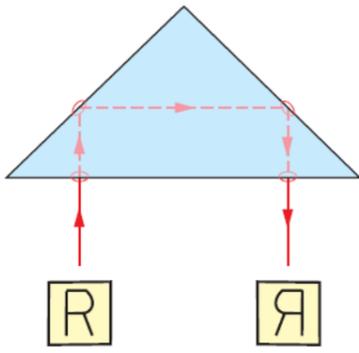
## Product Details

- Single Axis Retroreflector
- Right-Handed Image
- VIS and NIR Options Available

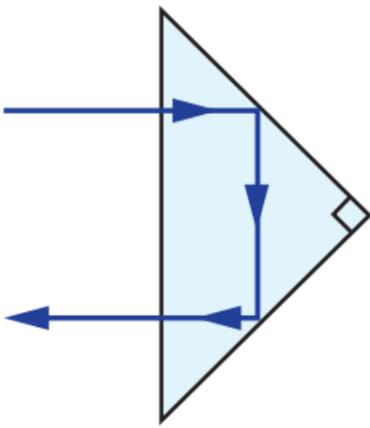
TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Hypotenuse Coated) are ideal for applications that require a single axis retroreflector. These prisms feature coating options that cover the visible and near-infrared spectrum, as well as tight angular tolerances. These TECHSPEC® Broadband Anti-Reflection (BBAR) Coated N-BK7 Right Angle Prisms (Hypotenuse Coated) are also available in custom sizes.

## Technical Information

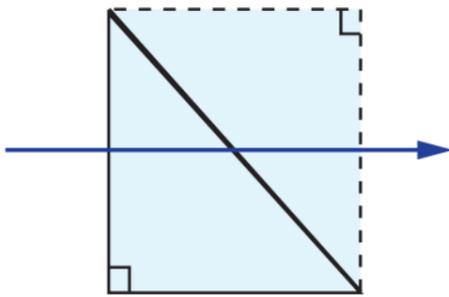




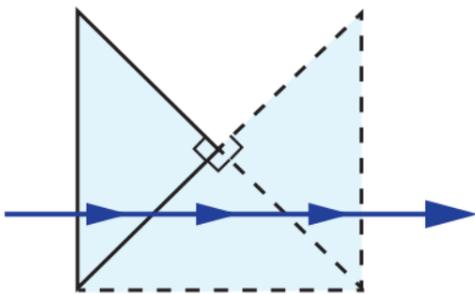
*Right Angle Prism Ray Path*



*Right Angle Prism Ray Path*



*Right Angle Prism Tunnel Diagram*



*Right Angle Prism Tunnel Diagram*

## 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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