

TECHSPEC<sup>®</sup> 0.5mm, Uncoated, N-BK7 Right Angle Prism



N-BK7 Right Angle Prisms

Stock **#45-946** **5 In Stock**

-

1

+

€114<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €114,00 each                  |
| Qty 6-25       | €91,50 each                   |
| Qty 26-49      | €85,00 each                   |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle Prism

Type:

Physical & Mechanical Properties

±0.02

Dimensional Tolerance (mm):

Bevel:

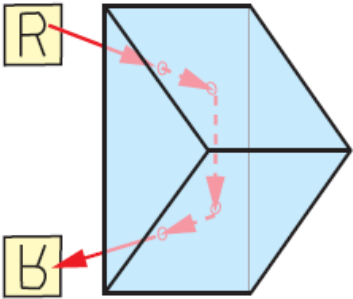
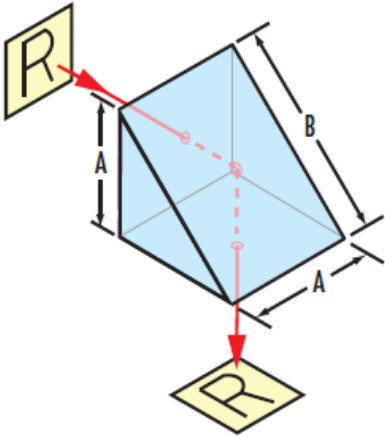
|                       |                                     |
|-----------------------|-------------------------------------|
| Protective as needed  |                                     |
| 0.70                  | Length of Hypotenuse (mm):          |
| 0.50                  | Length of Legs (mm):                |
| Optical Properties    |                                     |
| Uncoated              | Coating:                            |
| N-BK7                 | Substrate: <input type="checkbox"/> |
| 20-10                 | Surface Quality:                    |
| ±2                    | Angle Tolerance (arcmin):           |
| Left-Handed           | Image Orientation:                  |
| 90                    | Ray Deviation (°):                  |
| 350 - 2200            | Wavelength Range (nm):              |
| 1.25                  | Power (fringes) @ 632.8nm:          |
| 0.50                  | Irregularity (fringes) @ 632.8nm:   |
| Regulatory Compliance |                                     |
| Compliant             | Reach 191:                          |
| Compliant             | RoHS 2015:                          |
| View                  | Certificate of Conformance:         |

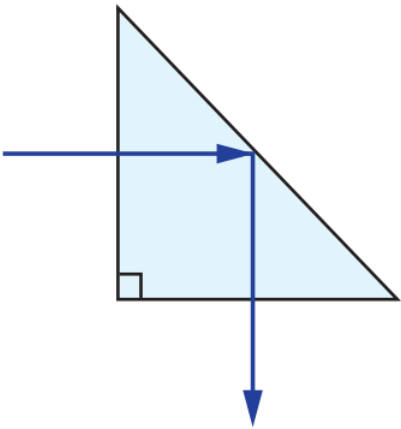
## Product Details

- Ray Deviation of 90°
- Left Handed Image
- Available with Aluminized and AR Coated Faces
- Additional [Right Angle Prism](#) Options Available

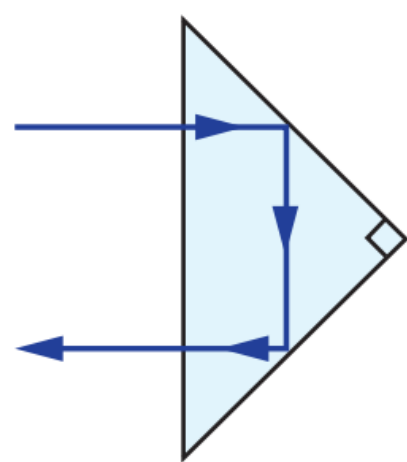
TECHSPEC® N-BK7 Right Angle Prisms are made from precision N-BK7 for use in a variety of visible light applications. Right angle prisms are generally used to bend image paths or redirect light at 90°. This produces a left-handed image, and depending on the orientation of the prism, the image may be inverted or reverted. TECHSPEC® N-BK7 Right Angle Prisms can also be used in combination for image/beam displacement. These right-angle prisms are additionally offered with aluminized and AR Coated surfaces.

## Technical Information

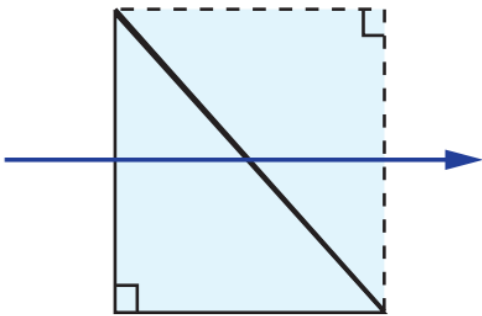




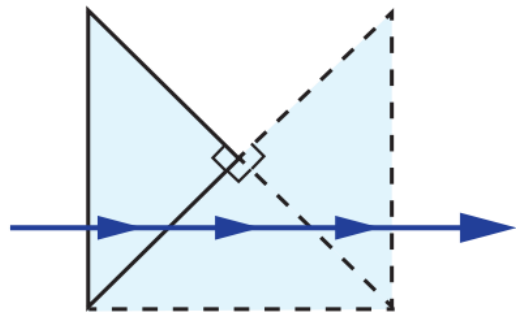
Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram

## 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](#).