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**TECHSPEC® 35mm, UV Enhanced Aluminum, N-BK7 90° Specialty Mirror**



Stock #25-713 **1 In Stock**

⊖ 1 ⊕ ₹20,241

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Volume Pricing	
Qty 1-5	₹20,241 each
Qty 6-25	₹16,193 each
Qty 26-49	₹15,181 each
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**General**

Right Angle Mirror **Type:**

**Physical & Mechanical Properties**

31.5 **Clear Aperture CA (mm):**

±0.1 **Dimensional Tolerance (mm):**

Protective as needed **Bevel:**  
90.00 **Clear Aperture (%):**  
49.50 **Length of Hypotenuse (mm):**  
35.00 **Length of Legs (mm):**

## Optical Properties

Enhanced Aluminum (250-700nm) **Coating:**  
**N-BK7** **Substrate:**   
40-20 **Surface Quality:**  
 $\pm 2$  **Angle Tolerance (arcmin):**  
**Coating Specification:**  
 $R_{avg} > 89\% @ 250 - 450nm$   $R_{avg} > 85\% @ 250 - 700nm$   
250 - 700 **Wavelength Range (nm):**  
Metal **Coating Type:**  
**Damage Threshold, Reference:**   
 $0.5 J/cm^2 @ 355nm, 10ns$   
1.25 **Power (fringes) @ 632.8nm:**  
0.50 **Irregularity (fringes) @ 632.8nm:**

## Regulatory Compliance

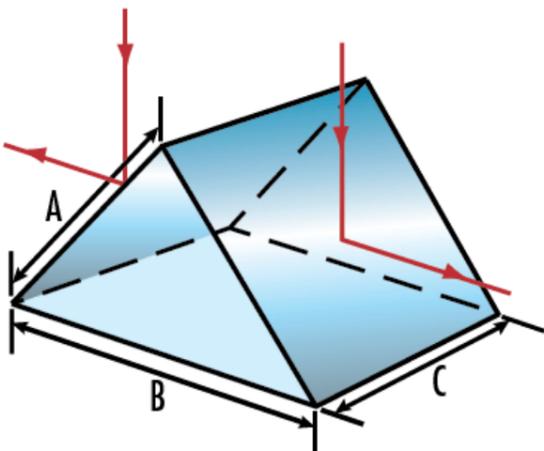
**Compliant** **RoHS 2015:**  
**View** **Certificate of Conformance:**  
**Compliant** **Reach 247:**  
United States **Country of Origin:**  
Edmund Optics India Private Limited **Imported By:**

## Product Details

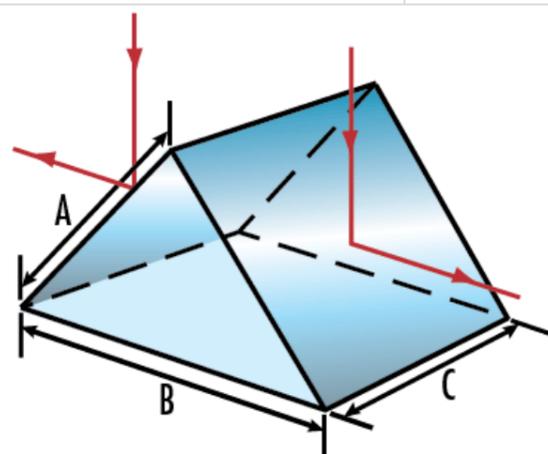
- Splits Input Image Into Two Paths Separated by 180°
- Variety of Sizes and Broadband Coatings Available
- Additional [Right Angle Prism](#) Options Available

TECHSPEC® Right Angle Prism Mirrors (Leg Coated) are constructed from right angle prisms with a mirror coating on the two legs and an uncoated hypotenuse. The mirrored surfaces form a precise 90° angle, ideal for splitting an image from a single imaging lens onto two different cameras, or for combining two images onto a single camera.

## Technical Information



Stock No.	Coating	A	B	C
#49-412	Enhanced Aluminum (450-650nm)	5mm	7.1mm	5mm
#65-847	Protected Gold (700-10000nm)			
#21-185	Protected Silver (450-10000nm)			
#47-004	Enhanced Aluminum (450-650nm)	10mm	14.1mm	10mm
#47-237	Protected Gold (700-10000nm)			
#21-186	Protected Silver (450-10000nm)			
#49-413	Enhanced Aluminum (450-650nm)	15mm	21.2mm	15mm
#65-848	Protected Gold (700-10000nm)			
#21-187	Protected Silver (450-10000nm)			
#49-414	Enhanced Aluminum (450-650nm)	20mm	28.3mm	20mm
#65-849	Protected Gold (700-10000nm)			
#21-188	Protected Silver (450-10000nm)			
#47-005	Enhanced Aluminum (450-650nm)	25mm	35.4mm	25mm
#47-238	Protected Gold (700-10000nm)			
#21-189	Protected Silver (450-10000nm)			
#47-006	Enhanced Aluminum (450-650nm)	50mm	70.7mm	50mm
#47-239	Protected Gold (700-10000nm)			
#21-190	Protected Silver (450-10000nm)			
#47-309	Enhanced Aluminum (450-650nm)	75mm	106.1mm	75mm
#47-310	Protected Gold (700-10000nm)			
#21-191	Protected Silver (450-10000nm)			



## 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](#).

