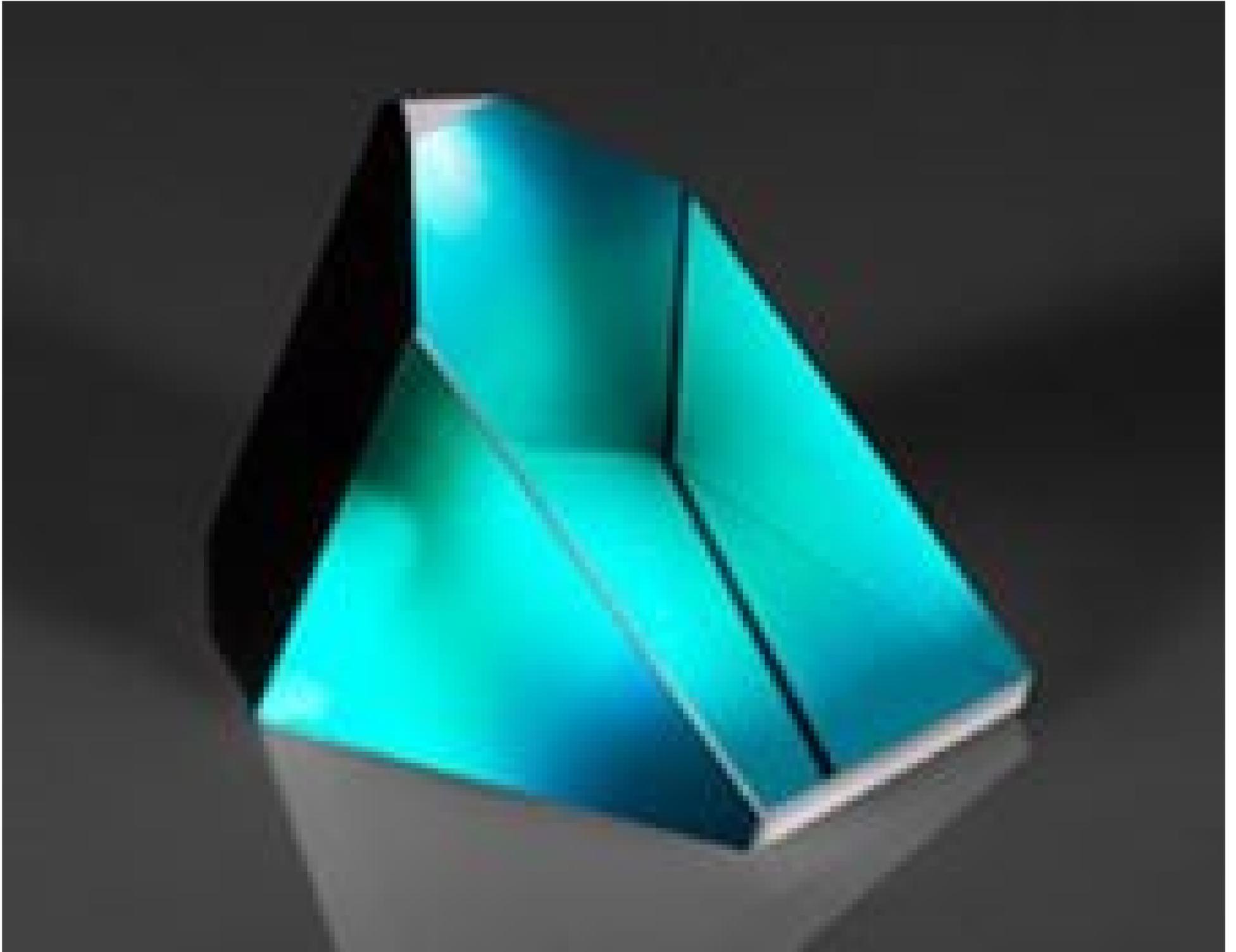


[See all 3 Products in Family](#)

TECHSPEC® 25mm VIS 0 Phase Correcting, Schmidt Prism



Stock #13-805 **5 In Stock**

MRP ₹66,084

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-10	₹66,084 each
Qty 11+	₹52,866 each
Need More?	Request Quote

Product Downloads

General

Schmidt Prism **Type:**

Physical & Mechanical Properties

41.3 **Height (mm):**

36.74 **Length (mm):**

Dimensional Tolerance (mm):

±0.1

Bevel:

Protective as needed

Width (mm):

25.00

Optical Properties

Coating:

VIS 0° Phase Correcting

Substrate: □

N-BK7

Surface Quality:

40-20

Angle Tolerance (arcmin):

5.00

Image Orientation:

Right-Handed

Coating Specification:

Entrance/Exit Faces: $R_{avg} \leq 0.4\%$ @ 425 - 675nm
Roof: Photopic deviation $\delta p < 5\%$

Ray Deviation (°):

45

Wavelength Range (nm):

400 - 700

Power (fringes) @ 632.8nm:

1.00

Irregularity (fringes) @ 632.8nm:

0.25

Regulatory Compliance

Certificate of Conformance:

[View](#)

Country of Origin:

Singapore

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91-80-6845 0000

Need different specs or modifications?

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

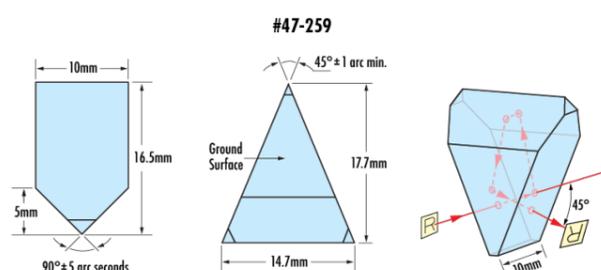
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

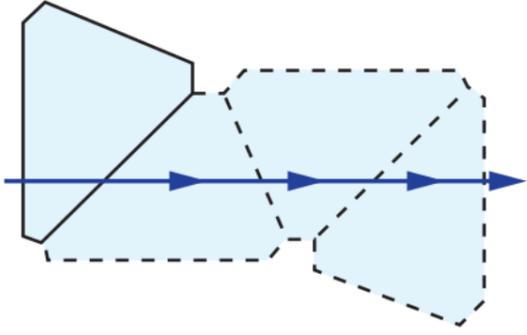
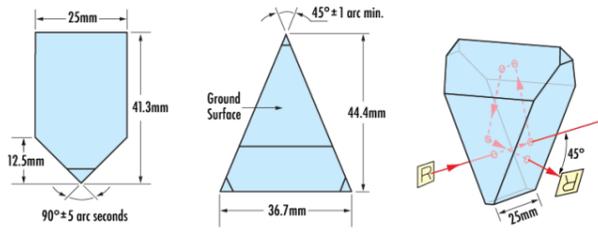
- Ray Deviation of 45°
- Right Handed Image
- 5 Arcsecond Roof Angle Tolerance
- Combine with Half-Penta Prism to Create Schmidt-Pechan Prism

Schmidt prisms are ideal for creating a right handed image with a ray deviation of 45°. They are similar in function to [TECHSPEC® Amici Roof Prisms](#), however the 45° deviation makes Schmidt prisms especially useful in eyepiece assemblies and imaging systems requiring a path bend. The aluminized roof surfaces enhance the overall efficiency while the 5arcsecond roof angle tolerance increases the prism's resolution. TECHSPEC® Schmidt Prisms can be combined with [TECHSPEC® Half-Penta Prisms](#) to create a Pechan prism.

Technical Information



#47-260



Schmidt Prism Tunnel Diagram