

[All Products](#) / [Optics](#) / [Prisms](#) / [Specialty Prisms](#)
TECHSPEC® Rhomboid Prisms


- Lateral Displacement of Beam
- Displaces Optical Axis Without Inverting Image
- Input and Output Beams Parallel to ± 30 Arcseconds
- Beam Displacing [Dove Prisms](#) Also Available

Common Specifications

Physical & Mechanical Properties

Dimensional Tolerance (mm): ± 0.1

Optical Properties

Angle Tolerance (arcsec): ± 5

Beam Deviation (arcsec): ± 30

Substrate: [N-BK7](#)

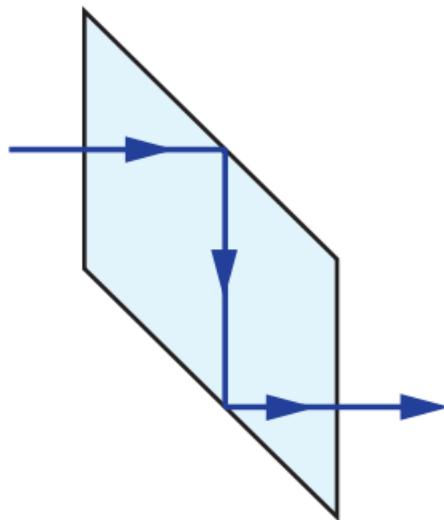
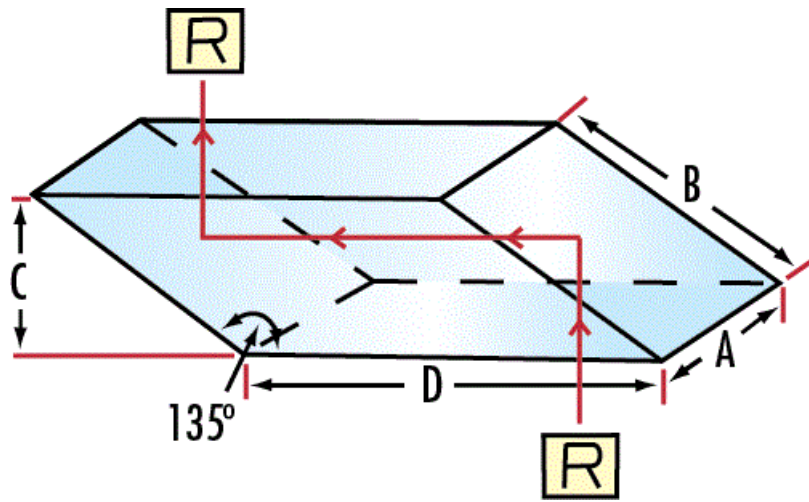
Surface Quality: 40-20

Image Orientation: Beam Deviation

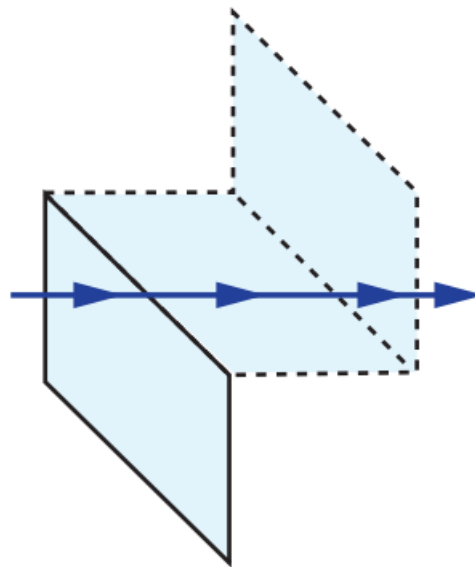
Ray Deviation ($^{\circ}$): 0

Irregularity (fringes) @ 632.8nm: 0.25

Technical Information



Rhomboid Prism Ray Path



Rhomboid Prism Tunnel Diagram

Products

Length (mm)	Coating	Ray Deviation (°)	Stock Number	Price	Buy
5.00	Uncoated	0	#47-625	S\$218.40 Volume Pricing	15 In Stock
5.00	VIS 0° (425-675nm)	0	#47-806	S\$233.80 Volume Pricing	20+ In Stock
10.00	Uncoated	0	#47-213	S\$256.20 Volume Pricing	13 In Stock
10.00	VIS 0° (425-675nm)	0	#47-807	S\$271.60 Volume Pricing	20+ In Stock
20.00	Uncoated	0	#47-214	S\$289.80 Volume Pricing	8 In Stock
20.00	VIS 0° (425-675nm)	0	#47-808	S\$305.20 Volume Pricing	20+ In Stock
25.00	Uncoated	0	#47-626	S\$340.20 Volume Pricing	20+ In Stock
25.00	VIS 0° (425-675nm)	0	#47-809	S\$355.60 Volume Pricing	20+ In Stock
12.50	Uncoated	0	#49-418	S\$256.20 Volume Pricing	20+ In Stock
15.00	Uncoated	0	#49-419	S\$267.40 Volume Pricing	20+ In Stock
50.00	Uncoated	0	#49-420	S\$562.80 Volume Pricing	4 In Stock
12.50	VIS 0° (425-675nm)	0	#49-421	S\$271.60 Volume Pricing	5 In Stock
15.00	VIS 0° (425-675nm)	0	#49-422	S\$282.80 Volume Pricing	20+ In Stock
50.00	VIS 0° (425-675nm)	0	#49-423	S\$596.40 Volume Pricing	8 In Stock



Copyright 2024, Edmund Optics Singapore Pte. Ltd, 18 Woodlands Loop #04-00, Singapore 738100

[PRIVACY POLICY](#) [COOKIE POLICY](#) [TERMS & CONDITIONS](#)

Phone: 1-800-363-1992 :

www.edmundoptics.com