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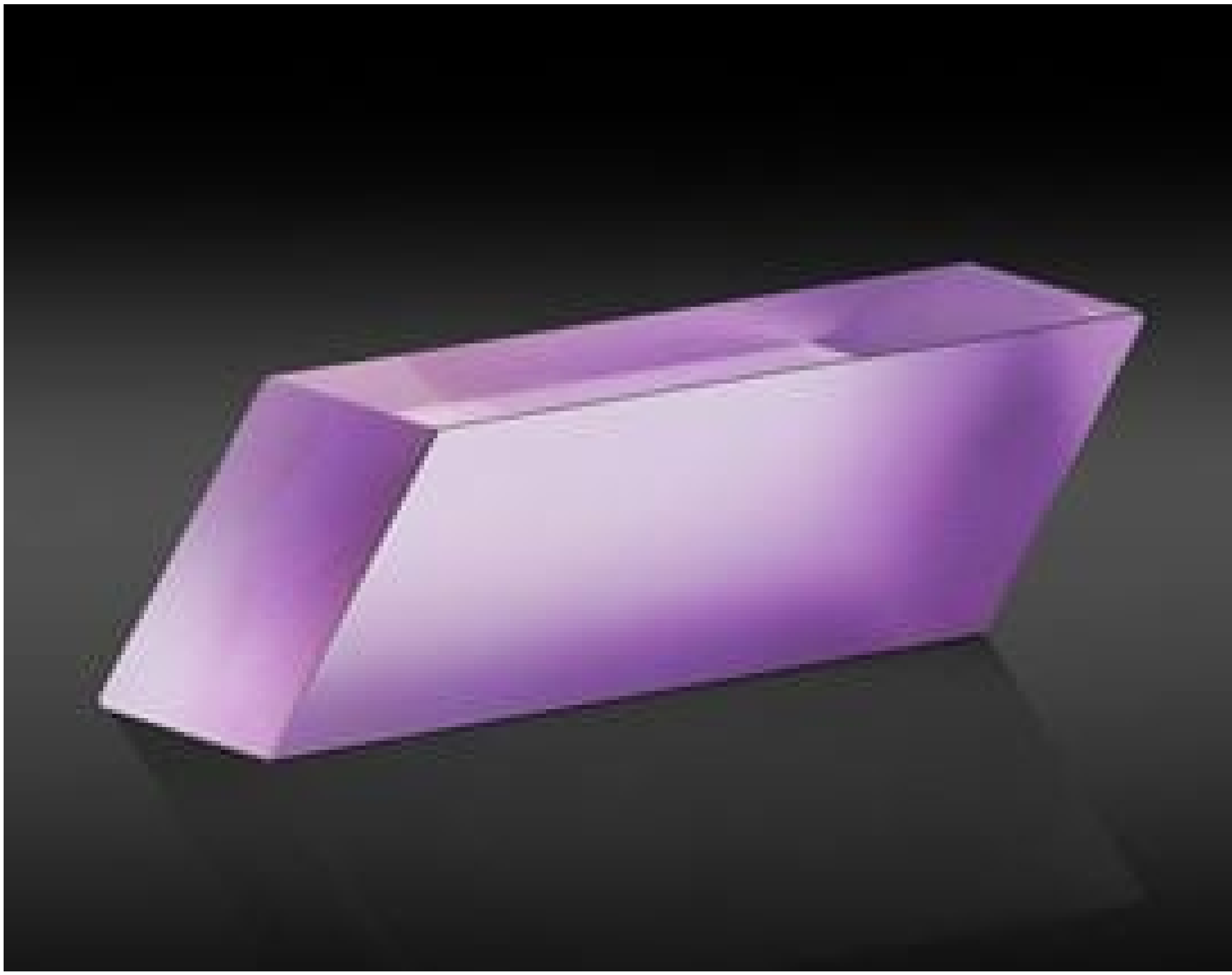
TECHSPEC® 25.4mm VIS 0° λ/4 Fresnel Rhomb Retarder



Stock **#36-141** **1 In Stock**

- 1 + **£286.40**

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Volume Pricing	
Qty 1-5	**£286.40** each
Qty 6+	**£263.20** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Fresnel Retarder

Physical & Mechanical Properties

Clear Aperture CA (mm):
18.81 x 18.81

Dimensional Tolerance (mm):
±0.10

Bevel:
Protective as needed

Width (mm):
25.40

Optical Properties

Coating:
VIS 0° (425-675nm)

Design Wavelength DWL (nm):
532

Substrate:
N-BK7

Retardance:
λ/4

Surface Quality:
20-10

Wavelength Range (nm):
425 - 675

Entrance and Exit Surface (mm):
25.4

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant

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.

Product Details

- Broadband Performance with <2% Retardance Variation
- 12.7mm and 25.4mm Options Available
- λ/4 Retardance

TECHSPEC® Fresnel Rhomb Retarders are available with design wavelengths of 532nm and 1064nm. By utilizing a specific angle, Fresnel rhomb retarders impart a retardance with each internal reflection of the light, totaling λ/4. Each design is paired with either VIS 0° or NIR II coatings to provide efficient transmission across a broad range of wavelengths. These TECHSPEC Fresnel Rhomb Retarders deliver less than 2% retardance variation across the specified wavelength range and are optimized for use in diode and fiber applications.

Coating Curves

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