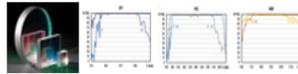
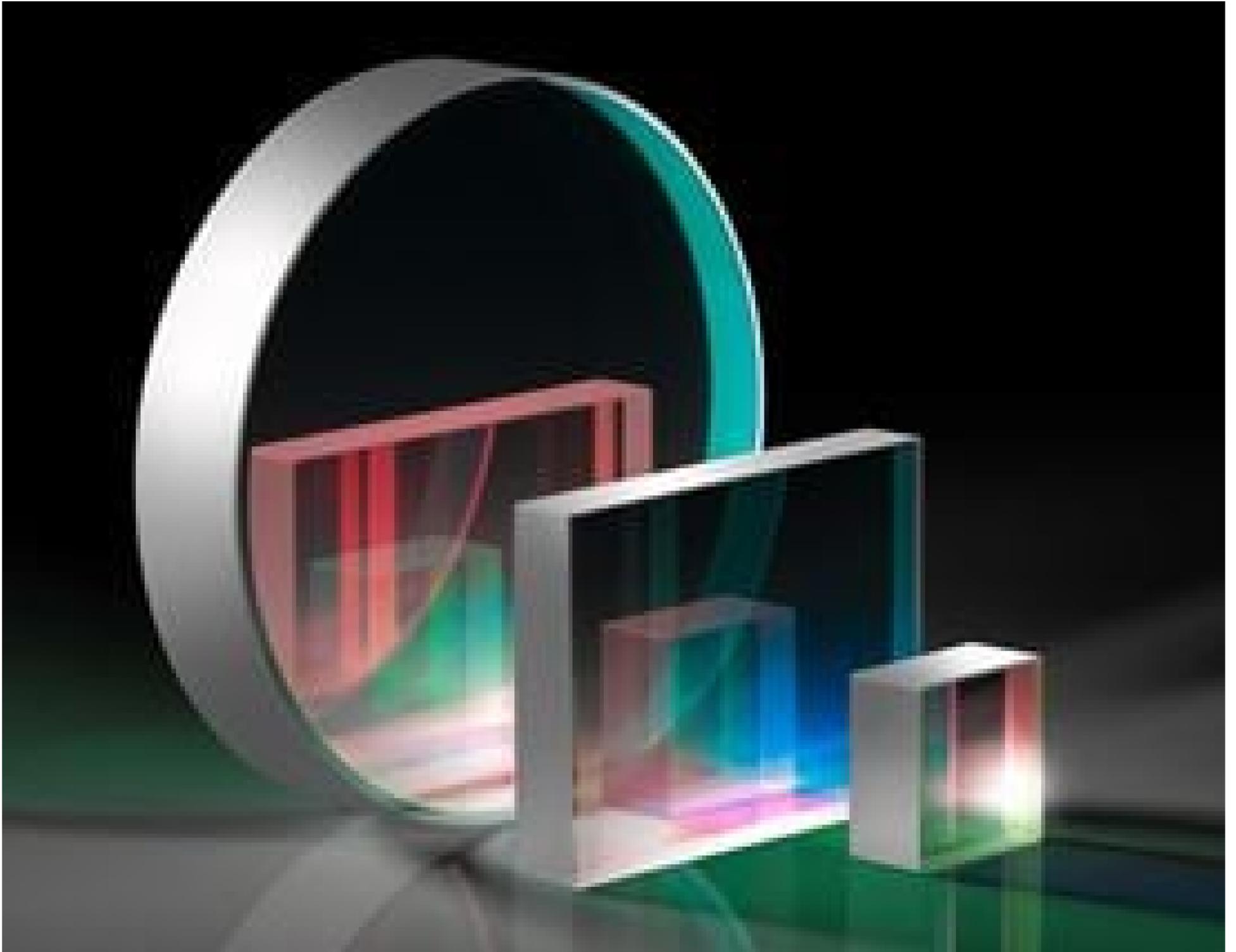


**TECHSPEC® 6.35mm Dia. 320 - 450nm Broadband  $\lambda/10$  Mirror**



Stock #39-190 **20+ In Stock**

⊖ 1 ⊕ €125<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€125,00 each
Qty 6-25	€100,00 each
Qty 26-49	€93,75 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**SPECIFICATIONS**

**General**

Flat Mirror **Type:**

## Physical & Mechanical Properties

6.35 +0.00/-0.10 **Diameter (mm):**

Commercial Polish **Back Surface:**

90 **Clear Aperture (%):**

Ground, 0.5mm max bevel **Edges:**

<3 **Parallelism (arcmin):**

4.00 ±0.20 **Thickness (mm):**

## Optical Properties

Dielectric Mirror (320-450nm) **Coating:**

**Coating Specification:**  
R<sub>avg</sub> >98% @ 340 - 488nm (0°, All Polarizations)  
R<sub>avg</sub> >98% @ 320 - 450nm (45°, All Polarizations)  
R<sub>avg</sub> >99% @ 320 - 450nm (45°, S-Polarization)

320 - 450 **Wavelength Range (nm):**

λ/10 **Surface Flatness (P-V):**

**Fused Silica** (Corning 7980) **Substrate:**

20-10 **Surface Quality:**

Dielectric **Coating Type:**

0-45 **Angle of Incidence (°):**

0.5 J/cm<sup>2</sup> @ 355nm, 20ns, 20Hz **Damage Threshold, By Design:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**Compliant** **Reach 209:**

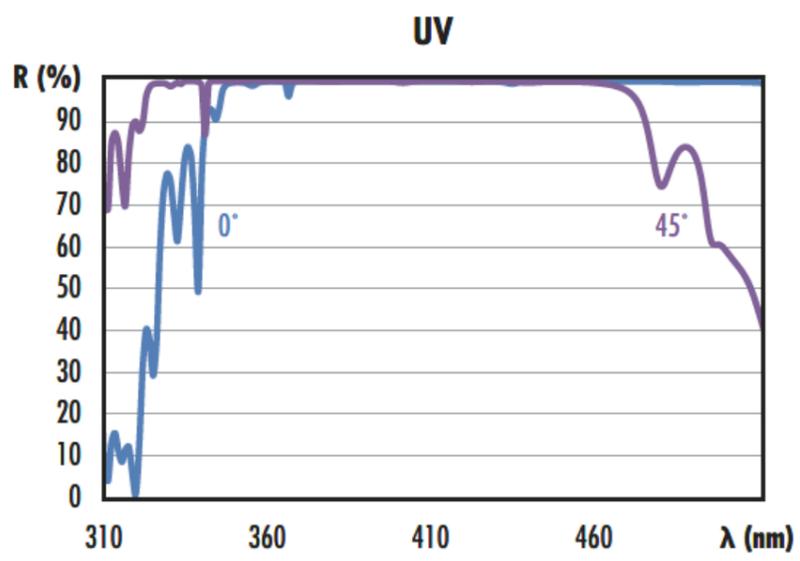
**View** **Certificate of Conformance:**

## PRODUCT DETAILS

- Enhanced Reflectivity and LIDT over Metallic Coatings
- Average Reflectivity >99% Over Broad UV, Visible, and NIR Wavelengths
- Designed for all Polarization States from 0 – 45° AOI

TECHSPEC® Broadband Dielectric λ/10 Mirrors are ideal for beam steering or reflection applications utilizing multiple laser sources. These mirrors feature greater than 99% reflection, significantly better than metal-coated mirrors, and increase system performance by minimizing energy loss. The highly durable fused silica substrate offers a low thermal expansion coefficient and a high abrasion resistance. TECHSPEC® Broadband Dielectric λ/10 Mirrors are designed for applications from the UV to the near-infrared spectra.

## TECHNICAL INFORMATION



## 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](#).

## COMPATIBLE MOUNTS