

**TECHSPEC® 25mm Dia 0.11 NA, UV-VIS Coated, UV Fused Silica Aspheric Lens**



TECHSPEC UV Fused Silica Aspheric Lenses



Stock #21-933 [CONTACT US](#)

[Other Coating Options](#)

1 **£479<sup>20</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>£479.20</b> each
Qty 6-10	<b>£431.20</b> each
Qty 11-25	<b>£402.40</b> each
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**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

**SPECIFICATIONS**

## General

Aspheric Lens **Type:**

## Physical & Mechanical Properties

25.00 +0/-0.025 **Diameter (mm):**

<1 **Centering (arcmin):**

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

3.85 **Edge Thickness ET (mm):**

5.50 ±0.1 **Center Thickness CT (mm):**

Protective as needed **Bevel:**

Plano **Shape of Back Surface:**

## Optical Properties

100.00 @ 355nm **Effective Focal Length EFL (mm):**

0.11 **Numerical Aperture NA:**

96.30 @ 355nm **Back Focal Length BFL (mm):**

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

355 **Aspheric Design Wavelength (nm):**

0.4λ **Asphere Figure Error, RMS @ 632.8nm:**

UV-VIS (250-700nm) **Coating:**

$R_{avg} < 2.5\%$  @ 250 - 700nm **Coating Specification:**

40-20 **Surface Quality:**

4 **f#:**

250 - 700 **Wavelength Range (nm):**

Infinite **Conjugate Distance:**

10.00 **Power (diopters):**

## Regulatory Compliance

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

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

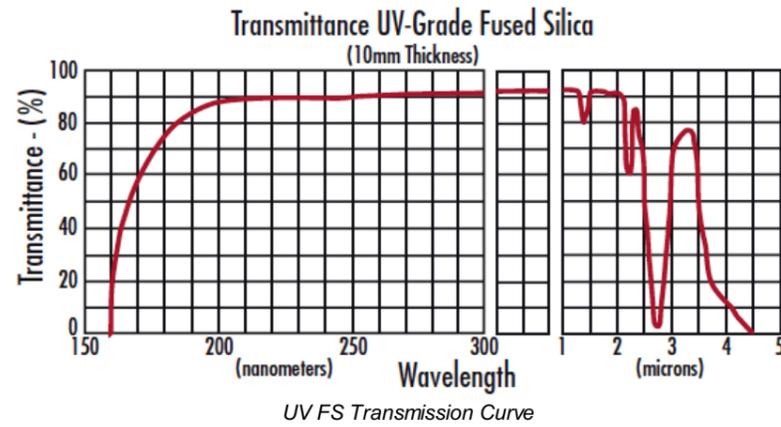
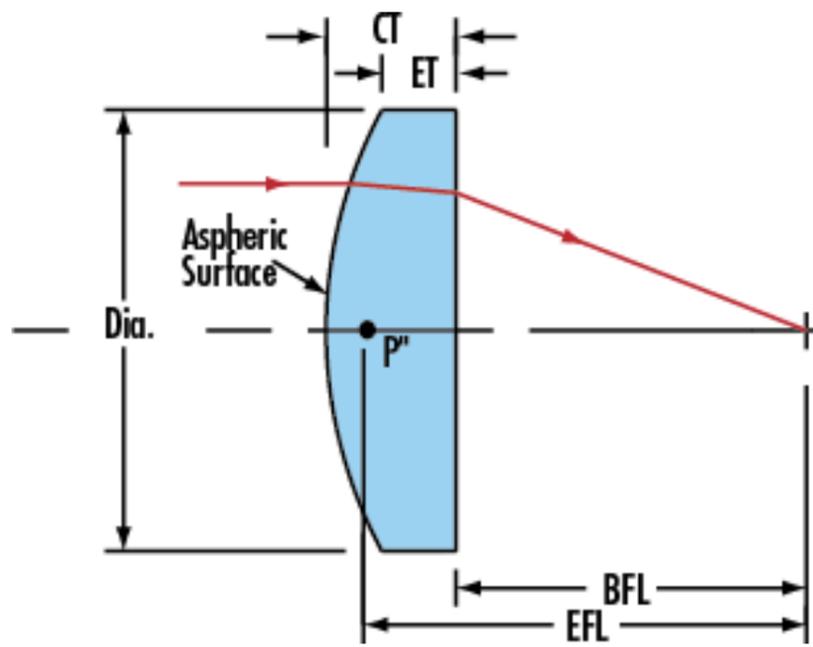
**Compliant** **Reach 235:**

## PRODUCT DETAILS

- Low Coefficient of Thermal Expansion
- Precision and High Precision Options
- High Numerical Apertures to Maximize Throughput

TECHSPEC® UV Fused Silica Aspheric Lenses offer the benefits of an aspheric element combined with the manufacturing precision of state-of-the-art grinding and polishing equipment. These fused silica optics can be easily designed and integrated into complex optical systems with the available prescription data. Featuring low f#s, which allow for a larger aperture and thus more light gathering and focusing performance, these fused silica lenses are computer-optimized to eliminate spherical and minimize higher order aberrations. TECHSPEC® UV Fused Silica Aspheric Lenses offer a low coefficient of thermal expansion, making them ideal for applications in metrology, beam-focusing or collimating, and OEM integration. These lenses are available in a variety of coating options and are offered in sizes ranging from 10-50mm.

## 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