

**TECHSPEC® 25mm Dia. x 200mm FL, VIS-NIR Coated, Achromatic Lens**



Stock **#49-364** **20+ In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ **A\$217<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>A\$217.60</b> each
Qty 6-25	<b>A\$174.40</b> each
Qty 26-49	<b>A\$164.80</b> each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**SPECIFICATIONS**

**General**

Type:

## Physical &amp; Mechanical Properties

25.00 +0.0/-0.025 **Diameter (mm):**

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

<1 **Centering (arcmin):**

12.50 ±0.20 **Center Thickness CT (mm):**

8.50 ±0.10 **Center Thickness CT 1 (mm):**

4.00 ±0.10 **Center Thickness CT 2 (mm):**

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

Protective as needed **Bevel:**

## Optical Properties

200.00 **Effective Focal Length EFL (mm):**

±1 **Focal Length Tolerance (%):**

194.14 **Back Focal Length BFL (mm):**

587.6 **Focal Length Specification Wavelength (nm):**

124.12 **Radius R<sub>1</sub> (mm):**

-87.26 **Radius R<sub>2</sub> (mm):**

-253.10 **Radius R<sub>3</sub> (mm):**

**Substrate:**   
N-BK7 / N-SF5

40-20 **Surface Quality:**

8.00 **f#:**

0.06 **Numerical Aperture NA:**

MS-NIR (400-1000nm) **Coating:**

**Coating Specification:**  
R<sub>abs</sub> ≤ 0.25% @ 880nm  
R<sub>avg</sub> ≤ 1.25% @ 400 - 870nm  
R<sub>avg</sub> ≤ 1.25% @ 890 - 1000nm

1.5λ **Power (P-V) @ 632.8nm:**

λ/4 **Irregularity (P-V) @ 632.8nm:**

400 - 1000 **Wavelength Range (nm):**

## Regulatory Compliance

**RoHS 2015:**  
Compliant

**Certificate of Conformance:**  
[View](#)

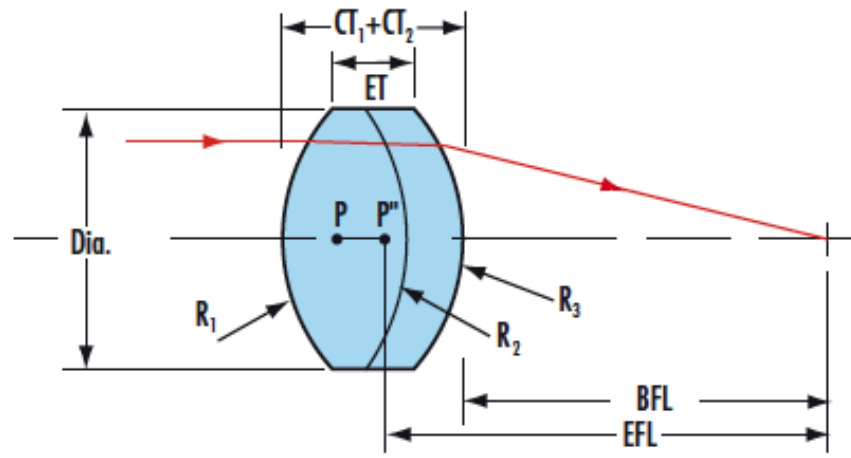
**REACH 241:**  
Compliant

## PRODUCT DETAILS

- Designed for 0° Angle of Incidence
- Less Than 0.25% Reflectance Per Surface @ 880nm
- **MgF<sub>2</sub>** and **VIS 0°** Coated Achromats Also Available

TECHSPEC® VIS-NIR Coated Achromatic Lenses consist of two optical components cemented together to form an achromatic doublet. The doublet is computer optimized to correct for on-axis spherical and chromatic aberrations. TECHSPEC® VIS-NIR Coated Achromatic Lenses have visible/near-infrared broadband anti-reflection coating, which is specially optimized to yield maximum transmission (>99%) in the near-infrared. The achromatic lenses reduce reflection to less than 0.25 percent per surface at 880nm. **Magnesium Fluoride** coated and **VIS 0°** coated achromats are also available.

## TECHNICAL INFORMATION



## COATING CURVES

### 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