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**TECHSPEC® 25mm Diameter x 20mm FL, Uncoated, K22R Plastic Aspheric Lens**



TECHSPEC® Plastic Aspheric Lenses

Stock **#21-205** [CONTACT US](#)

[Other Coating Options](#)

⊖ 1 ⊕ £44<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-24       | £44.80 each                   |
| Qty 25-99      | £32.00 each                   |
| Qty 100-249    | £23.20 each                   |
| Need More?     | <a href="#">Request Quote</a> |

**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Aspheric Lens **Type:**

**Physical & Mechanical Properties**

25.00 +/-0.15 **Diameter (mm):**

|                      |                                  |
|----------------------|----------------------------------|
| <5 (by design)       | <b>Centering (arcmin):</b>       |
| 21.5                 | <b>Clear Aperture CA (mm):</b>   |
| 1.04                 | <b>Edge Thickness ET (mm):</b>   |
| 9.29 ±0.20           | <b>Center Thickness CT (mm):</b> |
| Protective as needed | <b>Bevel:</b>                    |
| Convex               | <b>Shape of Back Surface:</b>    |

## Optical Properties

|                 |  |
|-----------------|--|
| 20.00 @ 587.6nm | <b>Effective Focal Length EFL (mm):</b>            |
| 0.63            | <b>Numerical Aperture NA:</b>                      |
| 14.38           | <b>Back Focal Length BFL (mm):</b>                 |
| Zeonex K22R     | <b>Substrate:</b> <input type="checkbox"/>         |
| 587.6           | <b>Aspheric Design Wavelength (nm):</b>            |
| Uncoated        | <b>Coating:</b>                                    |
| 80-50           | <b>Surface Quality:</b>                            |
| 0.8             | <b>f#:</b>   |
| 51.79           | <b>Abbe Number (v<sub>d</sub>):</b>                |
| 1.531           | <b>Index of Refraction (n<sub>d</sub>):</b>        |
| 103.1           | <b>Radius R<sub>2</sub> (mm):</b>                  |
| 350 - 1100      | <b>Wavelength Range (nm):</b>                      |
| Infinite        | <b>Conjugate Distance:</b>                         |
| 587.60          | <b>Focal Length Specification Wavelength (nm):</b> |

## Environmental & Durability Factors

|           |                                    |
|-----------|------------------------------------|
| -30 to 70 | <b>Operating Temperature (°C):</b> |
|-----------|------------------------------------|

## Regulatory Compliance

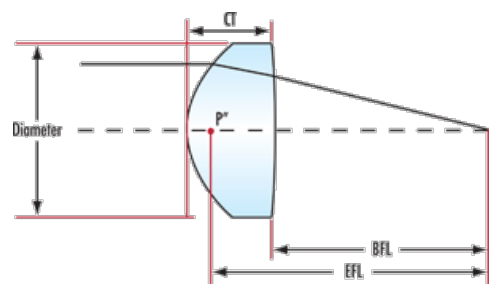
|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">Compliant</a> | <b>Reach 224:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |

## Product Details

- Full Prescription Data Available
- Standard 25mm Diameter for Easy System Integration
- High Numerical Aperture Designs for Superior Light Collection

TECHSPEC® Plastic Aspheric Lenses offer a lightweight alternative to glass spherical or aspherical lenses. Designed with a standard 25mm diameter, these lenses can be easily integrated into most systems and applications using standard mounting hardware. The plastic substrate provides exceptional value while still maintaining excellent performance and a high numerical aperture. TECHSPEC® Plastic Aspheric Lenses feature low haze, low autofluorescence, and excellent coating adhesion, making these lenses ideal for OEM and research applications alike. For alternate designs or custom coating requirements, please contact our [Sales Department](#).

## Technical Information



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