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TECHSPEC® 25mm Diameter x 50mm FL, VIS Coated, Plastic Aspheric Lens



TECHSPEC® Plastic Aspheric Lenses

Stock **#66-018** CLEARANCE **20+ In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ £40⁰⁰

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Volume Pricing	
Qty 1+	£40.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Aspheric Lens **Type:**

Physical & Mechanical Properties

25.00 +0.00/-0.10 **Diameter (mm):**

<5 (by design) **Centering (arcmin):**

21.5	Clear Aperture CA (mm):
1.20	Edge Thickness ET (mm):
4.20 ±0.20	Center Thickness CT (mm):
Protective as needed	Bevel:
Convex	Shape of Back Surface:

Optical Properties

50.00 @ 587.6nm	Effective Focal Length EFL (mm):
0.25	Numerical Aperture NA:
47.41	Back Focal Length BFL (mm):
Zeonex E48R	Substrate: <input type="checkbox"/>
587.6	Aspheric Design Wavelength (nm):
BBAR (425-675nm)	Coating:
R _{avg} <0.7% @ 425 - 675nm	Coating Specification:
80-50	Surface Quality:
2.00	f/#:
51.79	Abbe Number (v_d):
1.531	Index of Refraction (n_d):
412	Radius R₂ (mm):
425 - 675	Wavelength Range (nm):
Infinite	Conjugate Distance:
587.60	Focal Length Specification Wavelength (nm):

Environmental & Durability Factors

-30 to 70	Operating Temperature (°C):
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Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 209:
View	Certificate of Conformance:

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



Compatible Mounts

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