

TECHSPEC<sup>®</sup> 25mm Diameter x 50mm FL, NIR Coated, Plastic Aspheric Lens



TECHSPEC<sup>®</sup> Plastic Aspheric Lenses

Stock #66-025 CLEARANCE 20+ In Stock

☐ Other Coating Options

-1+

S\$70<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | S\$70.00 each                 |
| Need More?     | <a href="#">Request Quote</a> |

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 (600-1000nm) | Coating: |
|-------------------|----------|

|                                       |                        |
|---------------------------------------|------------------------|
| R <sub>avg</sub> <0.7% @ 600 - 1000nm | Coating Specification: |
|---------------------------------------|------------------------|

|       |                  |
|-------|------------------|
| 80-50 | Surface Quality: |
|-------|------------------|

|      |      |
|------|------|
| 2.00 | f/#: |
|------|------|

|     |                             |
|-----|-----------------------------|
| 412 | Radius R <sub>2</sub> (mm): |
|-----|-----------------------------|

|            |                        |
|------------|------------------------|
| 600 - 1000 | Wavelength Range (nm): |
|------------|------------------------|

|          |                     |
|----------|---------------------|
| Infinite | Conjugate Distance: |
|----------|---------------------|

Environmental & Durability Factors

|           |                             |
|-----------|-----------------------------|
| -30 to 70 | Operating Temperature (°C): |
|-----------|-----------------------------|

Regulatory Compliance

|           |            |
|-----------|------------|
| Compliant | RoHS 2015: |
|-----------|------------|

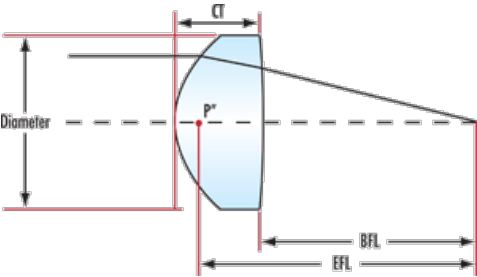
|           |            |
|-----------|------------|
| Compliant | Reach 209: |
|-----------|------------|

|      |                             |
|------|-----------------------------|
| 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

