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TECHSPEC<sup>®</sup> 40mm Dia., 0.80 Numerical Aperture, Uncoated, Precision Aspheric Lens



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

Stock **#37-435** **2 In Stock**

☐ [Other Coating Options](#)

-

1

+

₹55,118

Price inclusive of all taxes

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹55,118 each                  |
| Qty 6-25       | ₹43,910 each                  |
| Qty 26-49      | ₹41,247 each                  |
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Product Downloads

General

Aspheric Lens

Type:

Physical & Mechanical Properties

40.00 +0.00/-0.025

Diameter (mm):

|                      |                           |
|----------------------|---------------------------|
| <3                   | Centering (arcmin):       |
| 36.00                | Clear Aperture CA (mm):   |
| 2.40                 | Edge Thickness ET (mm):   |
| 13.10 ±0.10          | Center Thickness CT (mm): |
| Protective as needed | Bevel:                    |
| Plano                | Shape of Back Surface:    |

|                       |                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------|
| Optical Properties    |                                                                                              |
| 25.00 @ 587.6nm       | Effective Focal Length EFL (mm):                                                             |
| 0.80                  | Numerical Aperture NA:                                                                       |
| 17.74                 | Back Focal Length BFL (mm):                                                                  |
| <a href="#">N-SF6</a> | Substrate:  |
| 587.6                 | Aspheric Design Wavelength (nm):                                                             |
| 0.4λ                  | Asphere Figure Error, RMS @ 632.8nm:                                                         |
| Uncoated              | Coating:                                                                                     |
| 40-20                 | Surface Quality:                                                                             |
| 0.63                  | f/#:                                                                                         |
| 390 - 2500            | Wavelength Range (nm):                                                                       |
| Infinite              | Conjugate Distance:                                                                          |
| 40.00                 | Power (diopters):                                                                            |

|                                     |                             |
|-------------------------------------|-----------------------------|
| Regulatory Compliance               |                             |
| <a href="#">Compliant</a>           | RoHS 2015:                  |
| <a href="#">View</a>                | Certificate of Conformance: |
| <a href="#">Compliant</a>           | Reach 233:                  |
| Singapore                           | Country of Origin:          |
| Edmund Optics India Private Limited | Imported By:                |

## Product Details

- Improved Versions of Our Aspheric Lenses
- Precision Grade Aspheric Surfaces
- High Numerical Apertures to Maximize Throughput

TECHSPEC® Precision Aspheric Lenses are CNC polished aspheric lenses that feature a 0.4λRMS aspheric figure error. The precision aspheric figure error makes these lenses ideal for applications that require spherical aberration correction, including imaging and laser focusing applications. These aspheric lenses can also be used to replace multiple spherical elements in optical assemblies to reduce weight and cost. TECHSPEC Precision Aspheric Lenses are available with diameters from 6 to 50mm and high numerical apertures to maximize light throughput.

## Compatible Mounts