

TECHSPEC<sup>®</sup> 25mm Dia x -100mm FL, Protected Gold, Convex Mirror



Convex Mirrors

Stock **#87-691** [CONTACT US](#)

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+

S\$96<sup>33</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | <b>S\$96.33</b> each          |
| Qty 6-25       | <b>S\$76.91</b> each          |
| Qty 26-49      | <b>S\$74.68</b> each          |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:  
Spherical Mirror

Physical & Mechanical Properties

|                                                                                 |                                     |
|---------------------------------------------------------------------------------|-------------------------------------|
| 25.00                                                                           | Diameter (mm):                      |
| 3.00                                                                            | Center Thickness CT (mm):           |
| 90.00                                                                           | Clear Aperture (%):                 |
| +0.0/-0.1                                                                       | Dimensional Tolerance (mm):         |
| 2.61                                                                            | Edge Thickness ET (mm):             |
| 200.0                                                                           | Radius R (mm):                      |
| ±0.1                                                                            | Thickness Tolerance (mm):           |
| Optical Properties                                                              |                                     |
| -100.00                                                                         | Focal Length FL (mm):               |
| Protected Gold (700-10000nm)                                                    | Coating:                            |
| R <sub>avg</sub> >96% @ 700 - 2000nm<br>R <sub>avg</sub> >96% @ 2000 - 10,000nm | Coating Specification:              |
| Metal                                                                           | Coating Type:                       |
| ±2                                                                              | Focal Length Tolerance (%):         |
| N-BK7                                                                           | Substrate: <input type="checkbox"/> |
| λ/2                                                                             | Surface Accuracy:                   |
| 60-40                                                                           | Surface Quality:                    |
| 700 - 2000                                                                      | Wavelength Range (nm):              |
| Regulatory Compliance                                                           |                                     |
| Compliant                                                                       | RoHS 2015:                          |
| View                                                                            | Certificate of Conformance:         |
| Compliant                                                                       | Reach 247:                          |

## PRODUCT DETAILS

- Precision Polished Surface
- λ/2 Surface Accuracy
- Variety of Coating Options Offered

TECHSPEC® Convex Mirrors are ideal for expanding an imaging system's field of view without introducing chromatic aberrations. TECHSPEC Convex Mirrors utilize a precision polished surface with a λ/2 surface accuracy to maintain image quality. These optical mirrors create virtual, upright images. Shorter focal lengths generate wider fields of view, while longer focal lengths minimize distortion.

## 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](#).