

TECHSPEC<sup>®</sup> 3" Dia, 18" FL Uncoated, Spherical Mirror



Stock #32-829 10 In Stock

-

1

+

€218<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | €218,00 each                  |
| Qty 10-25      | €184,00 each                  |
| Qty 26-49      | €174,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:  
Spherical Mirror

Physical & Mechanical Properties

Diameter (inches):  
3.0

Diameter (mm):  
76.20 +1.0/-0

|          |                              |
|----------|------------------------------|
| +0.04/-0 | Diameter Tolerance (inches): |
| Ground   | Back Surface:                |
| 0.50     | Edge Thickness ET (inches):  |
| 12.70    | Edge Thickness ET (mm):      |

|          |                               |
|----------|-------------------------------|
| +0.0/-15 | Edge Thickness Tolerance (%): |
|----------|-------------------------------|

Optical Properties

|                            |                                      |
|----------------------------|--------------------------------------|
| <a href="#">BOROFLOAT®</a> | Substrate: <input type="checkbox"/>  |
| ±2                         | Focal Length Tolerance (%):          |
| 60-40                      | Surface Quality:                     |
| λ/4                        | Surface Accuracy:                    |
| 18.00                      | Effective Focal Length EFL (inches): |
| 457.20                     | Effective Focal Length EFL (mm):     |
| 914.40                     | Radius of Curvature (mm):            |
| f/6                        | Aperture (f/#):                      |
| Uncoated                   | Coating:                             |
| Uncoated                   | Coating Type:                        |

Regulatory Compliance

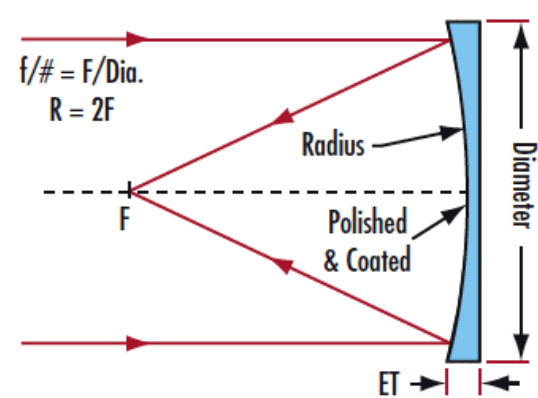
|                           |                             |
|---------------------------|-----------------------------|
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">Compliant</a> | Reach 219:                  |
| <a href="#">View</a>      | Certificate of Conformance: |

## Product Details

- Ideal for Multispectral Focusing Applications
- Variety of Coating Options Offered
- Multiple Sizes Available
- [λ/8 Precision Spherical Mirrors](#) Also Available

TECHSPEC® λ/4 Precision Spherical Mirrors are ideal for light collection in multispectral imaging applications. These mirrors are available in a wide range of metallic coating options covering the UV, VIS, and IR spectrum. A BOROFLOAT® substrate provides a good combination of performance and value. TECHSPEC® λ/4 Precision Spherical Mirrors are available in diameters ranging from 25.4 to 152.4mm for ease of system integration. These mirrors collect and focus light without introducing chromatic aberration.

## Technical Information



## 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](#).