

## 50mm Dia. x 50mm FL Protected Gold, Concave Mirror



Stock **#43-840** 4 In Stock

-

1

+

₹5,644

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| Volume Pricing |                               |
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| Qty 1-49       | ₹5,644 each                   |
| Qty 50-99      | ₹4,788 each                   |
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Thickness Tolerance (mm):

±0.5

Diameter (mm):

50.00 ±0.50

Clear Aperture (%):

90

|                                                                                 |                                  |
|---------------------------------------------------------------------------------|----------------------------------|
| 6.0                                                                             | Edge Thickness ET (mm):          |
| Optical Properties                                                              |                                  |
| Metal                                                                           | Coating Type:                    |
| Protected Gold (700-10000nm)                                                    | Coating:                         |
| 700 - 10000                                                                     | Wavelength Range (nm):           |
| 50.00                                                                           | Effective Focal Length EFL (mm): |
| N-BK7                                                                           | Substrate: <input type="text"/>  |
| f/1                                                                             | Aperture (f/#):                  |
| R <sub>avg</sub> >96% @ 700 - 2000nm<br>R <sub>avg</sub> >96% @ 2000 - 10,000nm | Coating Specification:           |
| ±2                                                                              | Focal Length Tolerance (%):      |
| 100.00                                                                          | Radius R <sub>1</sub> (mm):      |
| 80-50                                                                           | Surface Quality:                 |
| 100.00                                                                          | Radius of Curvature (mm):        |
| Regulatory Compliance                                                           |                                  |
| Compliant                                                                       | RoHS 2015:                       |
| View                                                                            | Certificate of Conformance:      |
| Compliant                                                                       | Reach 247:                       |
| United States                                                                   | Country of Origin:               |
| Edmund Optics India Private Limited                                             | Imported By:                     |

## Product Details

- Ideal for Focusing Light
- Aluminum and Gold Coating Options
- Available in Sizes Ranging from 9 - 50mm

Concave Spherical Mirrors are ideal for collecting and focusing light in a wide range of applications. These mirrors are available with protected metallic coatings covering the UV, VIS, and IR spectrum. A protective layer increases the coating's durability and prevents corrosion. Concave Spherical Mirrors are available in diameters ranging from 9-50mm for ease of system integration.

## Technical Information

