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



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

MRP ₹8,071

Price inclusive of all taxes

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Volume Pricing	
Qty 1-49	₹8,071 each
Qty 50-99	₹6,861 each
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### Product Downloads

### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

**Clear Aperture (%):**

90

Edge Thickness ET (mm):

6.0

## Optical Properties

Coating Type:

Metal

Coating:

Protected Gold (700-10000nm)

Wavelength Range (nm):

700 - 10000

Effective Focal Length EFL (mm):

50.00

Substrate:

N-BK7

Aperture (f/#):

f/1

Coating Specification:

R<sub>avg</sub> >96% @ 700 - 2000nm

R<sub>avg</sub> >96% @ 2000 - 10,000nm

Focal Length Tolerance (%):

±2

Radius R<sub>1</sub> (mm):

100.00

Surface Quality:

80-50

Radius of Curvature (mm):

100.00

## Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

Compliant

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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



