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



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

⊖ 1 ⊕ A\$128<sup>00</sup>

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Volume Pricing	
Qty 1-49	A\$128.00 each
Qty 50-99	A\$108.80 each
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### Product Downloads

#### General

Spherical Mirror **Type:**

#### Physical & Mechanical Properties

50.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

6.0 **Edge Thickness ET (mm):**

Thickness Tolerance (mm):  
±0.5

## Optical Properties

**N-BK7** Substrate:

Focal Length Tolerance (%):  
±2

Surface Quality:  
80-50

Effective Focal Length EFL (mm):  
50.00

Radius of Curvature (mm):  
100.00

Aperture (f/#):  
f/1

Coating:  
Protected Gold (700-10000nm)

Coating Specification:  
R<sub>avg</sub> >96% @ 700 - 2000nm  
R<sub>avg</sub> >96% @ 2000 - 10,000nm

Coating Type:  
Metal

Radius R<sub>1</sub> (mm):  
100.00

Wavelength Range (nm):  
700 - 10000

## Regulatory Compliance

RoHS 2015:  
**Compliant**

Certificate of Conformance:  
**View**

Reach 247:  
**Compliant**

## 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

