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



Stock **#43-840** [CONTACT US](#)

− 1 + C\$112.⁰⁰

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Volume Pricing	
Qty 1-49	C\$112.00 each
Qty 50-99	C\$95.20 each
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General

Spherical Mirror **Type:**

Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

Edge Thickness ET (mm):

6.0

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:** □

f/1 **Aperture (f/#):**

Coating Specification:
R_{avg} >96% @ 700 - 2000nm
R_{avg} >96% @ 2000 - 10,000nm

±2 **Focal Length Tolerance (%):**

100.00 **Radius R₁ (mm):**

80-50 **Surface Quality:**

100.00 **Radius of Curvature (mm):**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

Compliant **Reach 247:**

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

