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50mm Dia. x 100mm FL Protected Gold, Concave Mirror



Stock #43-841 **11 In Stock**

⊖ 1 ⊕ £64⁰⁰

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Volume Pricing

Qty 1-49	£64.00 each
Qty 50-99	£54.40 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

90 Clear Aperture (%):

6.0 Edge Thickness ET (mm):

Optical Properties

Metal Coating Type:

Protected Gold (700-10000nm) Coating:

700 - 10000 Wavelength Range (nm):

100.00 Effective Focal Length EFL (mm):

N-BK7 Substrate:

f/2 Aperture (f/#):

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

±2 Focal Length Tolerance (%):

200.00 Radius R₁ (mm):

80-50 Surface Quality:

200.00 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

