

[See all 22 Products in Family](#)

35mm Dia. x 15mm FL Protected Gold, Concave Mirror



Stock #43-837 **5 In Stock**

⊖ 1 ⊕ £56⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-49 | £56.00 each |
| Qty 50-99 | £48.00 each |
| Need More? | Request Quote |

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Spherical Mirror **Type:**

Physical & Mechanical Properties

35.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

6.0 Edge Thickness ET (mm):

±0.5 Thickness Tolerance (mm):

Optical Properties

[N-BK7](#) Substrate:

±2 Focal Length Tolerance (%):

80-50 Surface Quality:

15.00 Effective Focal Length EFL (mm):

30.00 Radius of Curvature (mm):

f/0.43 Aperture (f/#):

Protected Gold (700-10000nm) Coating:

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

Metal Coating Type:

30.00 Radius R₁ (mm):

700 - 10000 Wavelength Range (nm):

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

