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## 12mm Dia. x 12mm FL Protected Gold, Concave Mirror



Stock #43-833 **3 In Stock**

⊖ 1 ⊕ £49<sup>00</sup>

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### Volume Pricing

Qty 1-49	£49.20 each
Qty 50-99	£42.40 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):**

12.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

Edge Thickness ET (mm):

3.0

## Optical Properties

Coating Type:

Metal

Coating:

Protected Gold (700-10000nm)

Wavelength Range (nm):

700 - 10000

Effective Focal Length EFL (mm):

12.00

Substrate:

N-BK7

Aperture (f/#):

f/1

Coating Specification:

$R_{avg} > 96\%$  @ 700 - 2000nm  
 $R_{avg} > 96\%$  @ 2000 - 10,000nm

Focal Length Tolerance (%):

±2

Radius  $R_1$  (mm):

24.00

Surface Quality:

80-50

Radius of Curvature (mm):

24.00

## 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

