

50mm Dia. x 25mm FL Protected Aluminum, Concave Mirror



Stock #43-469 **20+ In Stock**

⊖ 1 ⊕ £50⁰⁰

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Volume Pricing	
Qty 1-49	£50.40 each
Qty 50-99	£43.20 each
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ⓘ Prices shown are exclusive of VAT/local taxes

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General

Spherical Mirror **Type:**

Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

Edge Thickness ET (mm):

6.0

Optical Properties

Metal **Coating Type:**

Protected Aluminum (400-2000nm) **Coating:**

400 - 2000 **Wavelength Range (nm):**

25.00 **Effective Focal Length EFL (mm):**

N-BK7 **Substrate:**

f/0.5 **Aperture (f#):**

Coating Specification:
R_{avg} >85% @ 400 - 700nm
R_{avg} >90% @ 400 - 2000nm

±2 **Focal Length Tolerance (%):**

50.00 **Radius R₁ (mm):**

80-50 **Surface Quality:**

50.00 **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

