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## 50mm Dia. x 100mm FL Protected Aluminum, Concave Mirror



Stock #43-471 **20+ In Stock**

⊖ 1 ⊕ £50<sup>40</sup>

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### Volume Pricing

Qty 1-49	£50.40 each
Qty 50-99	£43.20 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 Aluminum (400-2000nm) Coating:

400 - 2000 Wavelength Range (nm):

100.00 Effective Focal Length EFL (mm):

N-BK7 Substrate:

f/2 Aperture (f/#):

Coating Specification:  
R<sub>avg</sub> >85% @400 - 700nm  
R<sub>avg</sub> >90% @400 - 2000nm

±2 Focal Length Tolerance (%):

200.00 Radius R<sub>1</sub> (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

