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



Stock #43-470 **14 In Stock**

⊖ 1 ⊕ C\$88<sup>20</sup>

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### Volume Pricing

Qty 1-49	C\$88.20 each
Qty 50-99	C\$75.60 each
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### General

Spherical Mirror **Type:**

### Physical & Mechanical Properties

±0.5 **Thickness Tolerance (mm):**

50.00 ±0.50 **Diameter (mm):**

90 **Clear Aperture (%):**

Edge Thickness ET (mm):

6.0

## Optical Properties

Metal **Coating Type:**

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

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

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

**N-BK7** **Substrate:**

f/1 **Aperture (f#):**

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

$\pm 2$  **Focal Length Tolerance (%):**

100.00 **Radius  $R_1$  (mm):**

80-50 **Surface Quality:**

100.00 **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

