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



Stock #43-466 **6 In Stock**

⊖ 1 ⊕ €54<sup>50</sup>

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### Volume Pricing

Qty 1-49	€54,50 each
Qty 50-99	€46,00 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):**

25.00 ±0.50 **Diameter (mm):**

Clear Aperture (%):

90

Edge Thickness ET (mm):

3.0

## Optical Properties

Coating Type:

Metal

Coating:

Protected Aluminum (400-2000nm)

Wavelength Range (nm):

400 - 2000

Effective Focal Length EFL (mm):

50.00

Substrate:

N-BK7

Aperture (f/#):

f/2

Coating Specification:

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

Focal Length Tolerance (%):

±2

Radius R<sub>1</sub> (mm):

100.00

Surface Quality:

80-50

Radius of Curvature (mm):

100.00

## 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

