

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



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

-

1

+

A\$100<sup>.80</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-49       | A\$100.80 each                |
| Qty 50-99      | A\$86.40 each                 |
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Thickness Tolerance (mm):

±0.5

Diameter (mm):

50.00 ±0.50

Clear Aperture (%):

90

|                                  |  |                                                                           |
|----------------------------------|--|---------------------------------------------------------------------------|
| Edge Thickness ET (mm):          |  | 6.0                                                                       |
| Optical Properties               |  |                                                                           |
| Coating Type:                    |  | Metal                                                                     |
| Coating:                         |  | Protected Aluminum (400-2000nm)                                           |
| Wavelength Range (nm):           |  | 400 - 2000                                                                |
| Effective Focal Length EFL (mm): |  | 100.00                                                                    |
| Substrate: <input type="text"/>  |  | N-BK7                                                                     |
| Aperture (f/#):                  |  | f/2                                                                       |
| Coating Specification:           |  | R <sub>avg</sub> >85% @400 - 700nm<br>R <sub>avg</sub> >90% @400 - 2000nm |
| Focal Length Tolerance (%):      |  | ±2                                                                        |
| Radius R <sub>i</sub> (mm):      |  | 200.00                                                                    |
| Surface Quality:                 |  | 80-50                                                                     |
| Radius of Curvature (mm):        |  | 200.00                                                                    |
| 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

