

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



Stock **#43-470** **5 In Stock**

-

1

+

A\$100^{.80}

ADD TO CART

Volume Pricing	
Qty 1-49	A\$100.80 each
Qty 50-99	A\$86.40 each
Need More?	Request Quote

Product Downloads

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):		50.00
Substrate:		N-BK7
Aperture (f/#):		f/1
Coating Specification:		R _{avg} >85% @400 - 700nm R _{avg} >90% @400 - 2000nm
Focal Length Tolerance (%):		±2
Radius R _i (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

