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



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

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1

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₹4,437

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Volume Pricing	
Qty 1-49	₹4,437 each
Qty 50-99	₹3,776 each
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General

Type:

Spherical Mirror

Physical & Mechanical Properties

Diameter (mm):

50.00 ±0.50

Clear Aperture (%):

90

Edge Thickness ET (mm):

6.0

Thickness Tolerance (mm):		±0.5
Optical Properties		
Substrate: ☐		N-BK7
Focal Length Tolerance (%):		±2
Surface Quality:		80-50
Effective Focal Length EFL (mm):		100.00
Radius of Curvature (mm):		200.00
Aperture (f/#):		f/2
Coating:		Protected Aluminum (400-2000nm)
Coating Specification:		R _{avg} >85% @400 - 700nm R _{avg} >90% @400 - 2000nm
Coating Type:		Metal
Radius R ₁ (mm):		200.00
Wavelength Range (nm):		400 - 2000

Regulatory Compliance		
RoHS 2015:		Compliant
Certificate of Conformance:		View
Reach 247:		Compliant
Country of Origin:		United States
Imported By:		Edmund Optics India Private Limited

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

