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



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

-

1

+

 £50⁴⁰

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Volume Pricing	
Qty 1-49	£50.40 each
Qty 50-99	£43.20 each
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Product Downloads

General

Type:

Spherical Mirror

Physical & Mechanical Properties

Diameter (mm):

50.00 ±0.50

Clear Aperture (%):

90

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

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

