

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



Stock #43-840 4 In Stock

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1

+

€80^{.00}

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Volume Pricing	
Qty 1-49	€80,00 each
Qty 50-99	€68,00 each
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Product Downloads

General

Type:

Spherical Mirror

Physical & Mechanical Properties

Thickness Tolerance (mm):

±0.5

Diameter (mm):

50.00 ±0.50

90	Clear Aperture (%):
6.0	Edge Thickness ET (mm):
Optical Properties	
Metal	Coating Type:
Protected Gold (700-10000nm)	Coating:
700 - 10000	Wavelength Range (nm):
50.00	Effective Focal Length EFL (mm):
N-BK7	Substrate: ☐
f/1	Aperture (f/#):
R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Coating Specification:
±2	Focal Length Tolerance (%):
100.00	Radius R ₁ (mm):
80-50	Surface Quality:
100.00	Radius of Curvature (mm):
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, VS, 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

