

**TECHSPEC® 50.8mm Dia. x 100.0mm EFL, Uncoated, Concave Laser Mirror**



Laser Line Concave Mirrors

Stock **#11-348** **7 In Stock**

1  MRP ₹22,599

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-4	₹22,599 each
Qty 5-9	₹20,380 each
Qty 10+	₹18,160 each
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**General**

Concave Mirror **Type:**

**Physical & Mechanical Properties**

50.80 +0.00/-0.20 **Diameter (mm):**

**Back Surface:**

Fine Grind	
8.30	<b>Center Thickness CT (mm):</b>
90	<b>Clear Aperture (%):</b>
10.00 ±0.20	<b>Edge Thickness ET (mm):</b>

## Optical Properties

Uncoated	<b>Coating:</b>
0.15λ	<b>Surface Flatness (P-V):</b>
100.00	<b>Effective Focal Length EFL (mm):</b>
<b>Fused Silica</b> (Corning 7980)	<b>Substrate:</b> □
0-45	<b>Angle of Incidence (°):</b>
200.00	<b>Radius R<sub>1</sub> (mm):</b>
20-10	<b>Surface Quality:</b>
3λ/20	<b>Irregularity (P-V) @ 632.8nm:</b>
200.00	<b>Radius of Curvature (mm):</b>

## Regulatory Compliance

<b>Compliant</b>	<b>RoHS 2015:</b>
<b>View</b>	<b>Certificate of Conformance:</b>
<b>Compliant</b>	<b>Reach 253:</b>
Japan	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Ideal for Focusing Laser Light
- >99.8% Reflectivity at Center Wavelength
- High Thermal Stability Fused Silica Substrates

TECHSPEC® Concave Laser Line Mirrors offer high precision 20-10 surface quality, λ/10 surface irregularity, and high reflectivity for focusing laser beams generated by Nd:YAG sources. Featuring high guaranteed laser induced damage thresholds, these dielectric coated laser mirrors are durable and resistant to laser damage. These concave mirrors are ideal for use with a 0-45° angle of incidence, providing flexibility for system integration into beam focusing, collecting, and imaging applications. TECHSPEC Concave Laser Line Mirrors feature fused silica substrates with excellent thermal and temporal stability, ensuring optimal performance regardless of temperature fluctuations. 266nm, 355nm, 532nm, and 1064nm laser line dielectric coatings are available.

## Technical Information

266nm and 355nm



532nm and 1064nm

