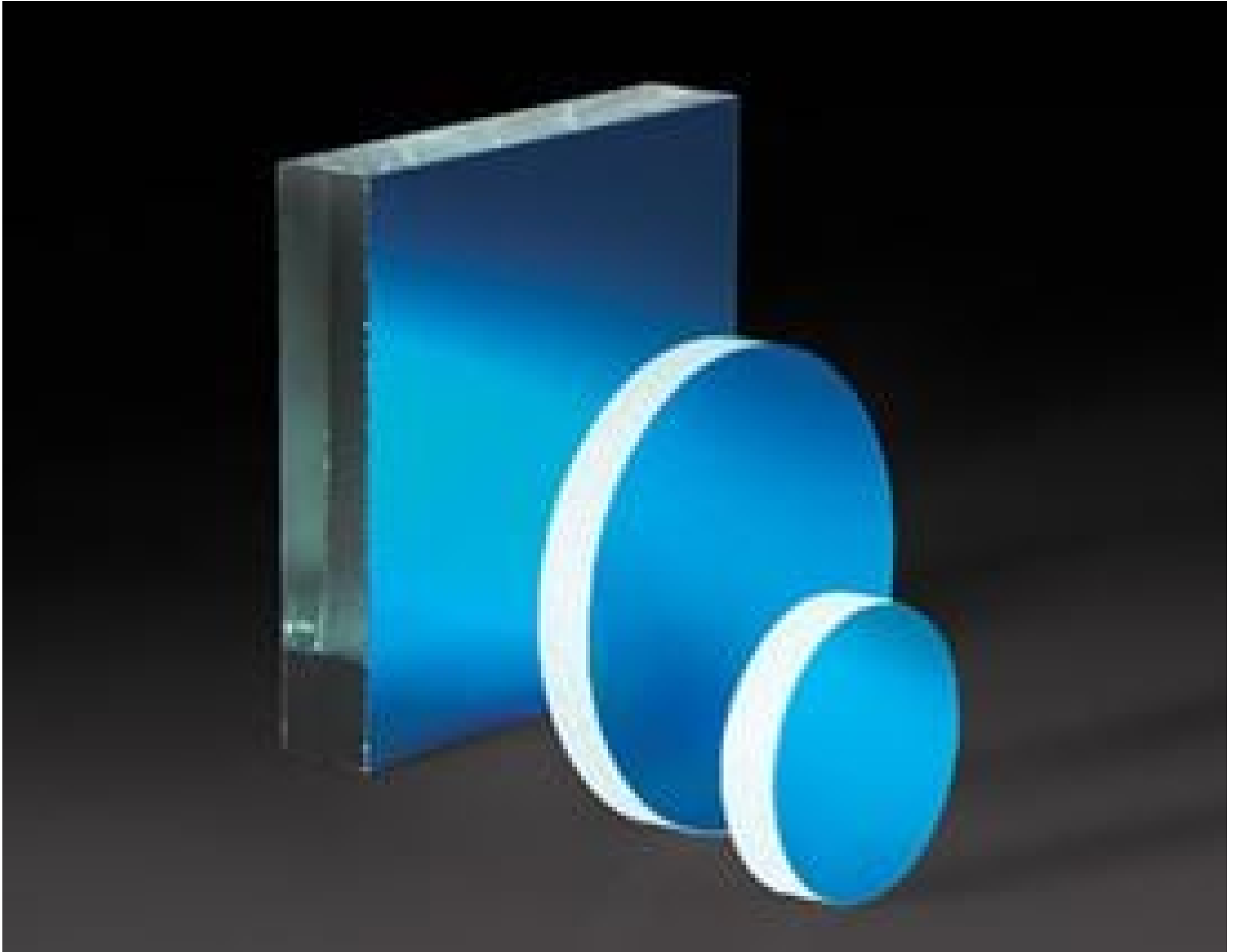


## 32 x 32mm Laser Diode Mirror



Stock #31-495 **20+ In Stock**

⊖ 1 ⊕ €32<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-10	€32,00 each
Qty 11-24	€25,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Flat Mirror

Type:

### Physical & Mechanical Properties

6.35 Thickness (mm):

32.0 x 32.0 Dimensions (mm):

<b>Dimensional Tolerance (mm):</b>	±0.25
<b>Length (mm):</b>	32.00
<b>Width (mm):</b>	32.00

### Optical Properties

<b>Coating Type:</b>	Dielectric
<b>Coating:</b>	Dielectric Mirror (500-700nm)
<b>Design Wavelength DWL (nm):</b>	633
<b>Substrate:</b>	Float Glass
<b>Coating Specification:</b>	R <sub>abs</sub> >97% @633nm
<b>Surface Quality:</b>	80-50

### Environmental & Durability Factors

<b>Durability:</b>	ML-C-48497A
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### Regulatory Compliance

<b>RoHS 2015:</b>	<a href="#">Compliant</a>
<b>Certificate of Conformance:</b>	<a href="#">View</a>
<b>Reach 247:</b>	<a href="#">Compliant</a>

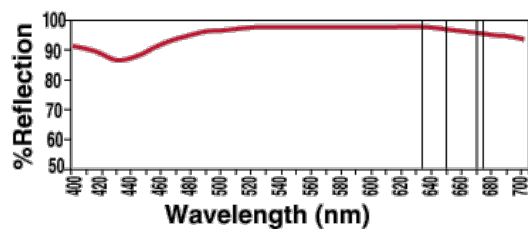
## Product Details

- Over 95% Reflectance of Visible Laser Diode Light
- Ideal for Multiple Reflection Systems
- Coating Optimized for 633nm at 45° AOI

Visible Laser Diode Mirrors are specially coated to attain maximum reflection of visible laser diodes. Optimized for 633nm at a 45° angle of incidence, these mirrors provide 97% reflectance versus only 85 - 90% for standard first surface mirrors. This reduced loss is particularly important in multiple reflection systems, where loss can significantly impact system efficiency. Visible Laser Diode Mirrors feature a float glass substrate and are ideal for multiple reflection systems.

## Technical Information

Visible Laser Diode Mirror Reflectance at 45°



@ 500nm	95.0%
@ 550nm	97.0%
@ 600nm	97.5%
@ 633nm	97.0%
@ 635nm	97.0%
@ 650nm	96.5%
@ 670nm	96.0%
@ 675nm	95.0%
@ 700nm	94.5%

**Quote Your Size**

## Compatible Mounts

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