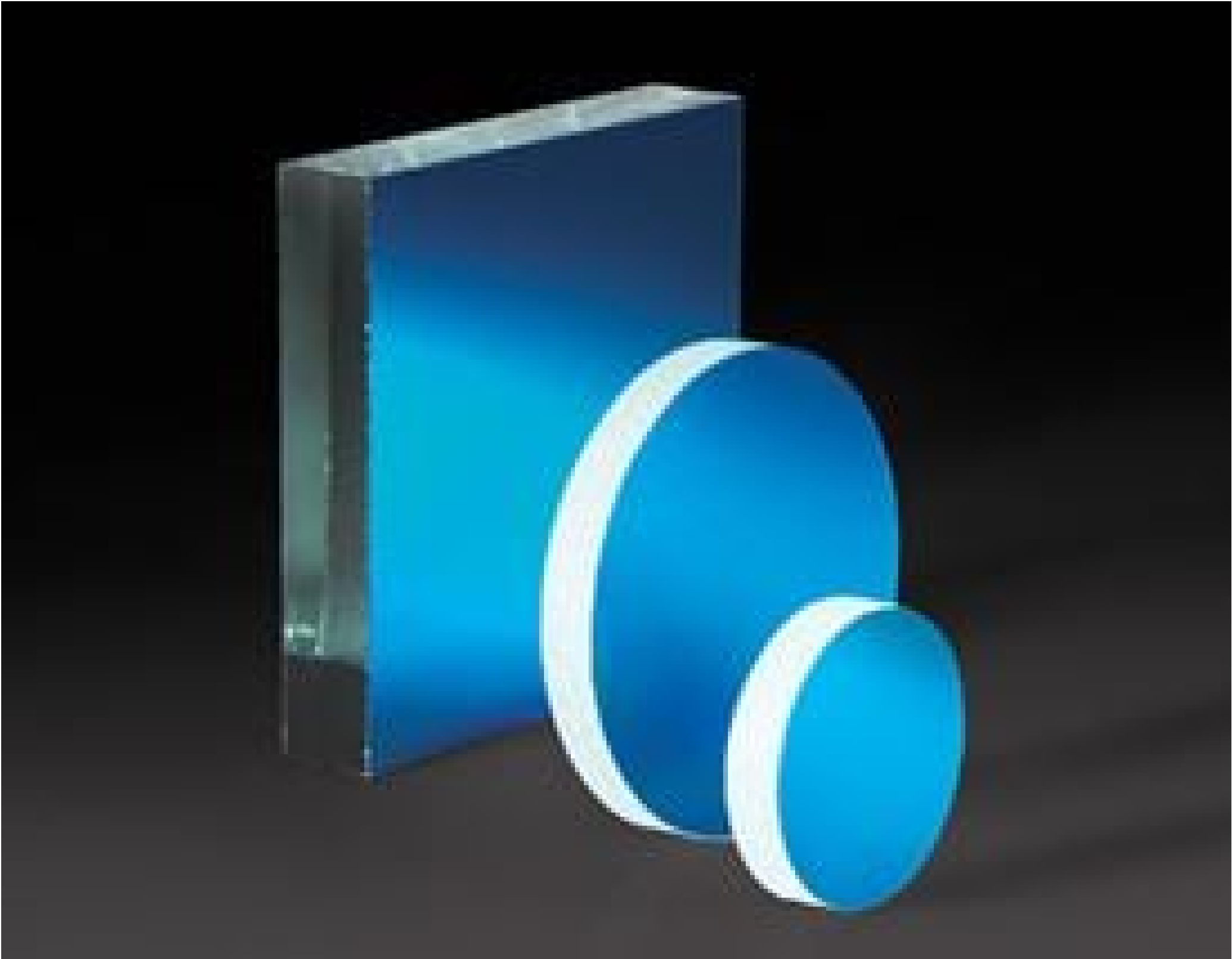


# 47 x 51mm Laser Diode Mirror



Stock **#31-496** **14 In Stock**

-

1

+

£36<sup>40</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | £36.40 each                   |
| Qty 11-24      | £28.00 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):

47.0 x 51.0

Dimensions (mm):

|       |                             |
|-------|-----------------------------|
| ±0.25 | Dimensional Tolerance (mm): |
| 51.00 | Length (mm):                |
| 47.00 | Width (mm):                 |

Optical Properties

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

Environmental & Durability Factors

|             |             |
|-------------|-------------|
| ML-C-48497A | Durability: |
|-------------|-------------|

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | Reach 247:                  |

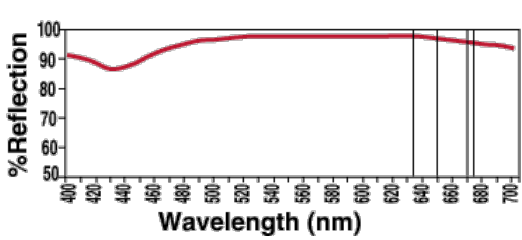
Product Details

- 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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