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## 32 x 32mm Laser Diode Mirror



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

- 1 + S\$44.<sup>80</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | S\$44.80 each                 |
| Qty 11-24      | S\$35.00 each                 |
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### Product Downloads

#### General

Flat Mirror **Type:**

#### Physical & Mechanical Properties

6.35 **Thickness (mm):**

32.0 x 32.0 **Dimensions (mm):**

±0.25 **Dimensional Tolerance (mm):**

|                               |                                    |
|-------------------------------|------------------------------------|
| 32.00                         | <b>Length (mm):</b>                |
| 32.00                         | <b>Width (mm):</b>                 |
| <b>Optical Properties</b>     |                                    |
| Dielectric                    | <b>Coating Type:</b>               |
| Dielectric Mirror (500-700nm) | <b>Coating:</b>                    |
| 633                           | <b>Design Wavelength DWL (nm):</b> |
| Float Glass                   | <b>Substrate:</b> □                |
| R <sub>abs</sub> >97% @633nm  | <b>Coating Specification:</b>      |
| 80-50                         | <b>Surface Quality:</b>            |

|   |                    |
|---|--------------------|
| <b>Environmental &amp; Durability Factors</b> |                    |
| ML-C-48497A                                   | <b>Durability:</b> |

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

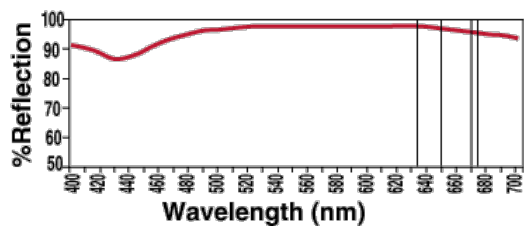
## Product Details

- 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**

