

64 x 97mm Laser Diode Mirror



Stock **#31-497** 4 In Stock

-

1

+

A\$88^{.80}

ADD TO CART

Volume Pricing	
Qty 1-10	A\$88.80 each
Qty 11-24	A\$70.40 each
Need More?	Request Quote

Product Downloads

General

Type:
Flat Mirror

Physical & Mechanical Properties

Thickness (mm):
6.35

Dimensions (mm):
64.0 x 97.0

Dimensional Tolerance (mm):
±0.25

97.00	Length (mm):
-------	--------------

64.00	Width (mm):
-------	-------------

Optical Properties

Dielectric	Coating Type:
Dielectric Mirror (500-700nm)	Coating:

633	Design Wavelength DWL (nm):
Float Glass	Substrate: □

R _{abs} >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

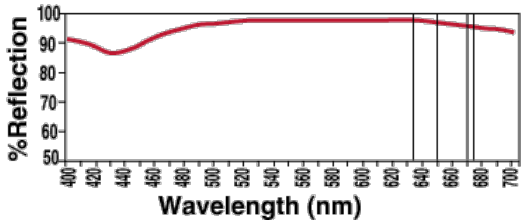
• Ideal for Multiple Reflection Systems

• 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