

193 nm Excimer Laser Mirrors for 45° Incidence

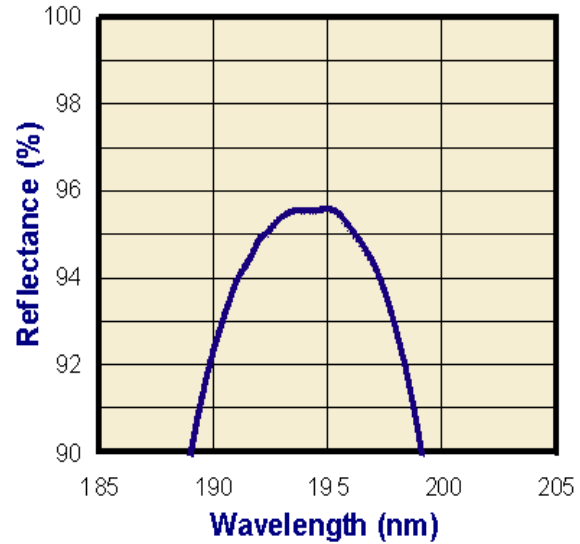
These high performance mirrors are intended for general purpose beam steering tasks in ArF excimer laser based applications and systems.

Advantages

- High reflectivity
- Superior laser damage resistance
- Excellent mechanical durability

Common Specifications

Chamfer	0.50 mm at 45°
Clear Aperture	85%
Diameter Tolerance	+0.00, -0.13 mm
Front Surface Flatness	$\lambda/10$ at 633 nm
Material	Fused Silica
Rear Surface	Commercial Polish
Surface Quality	10-5
Thickness Tolerance	± 0.25 mm
Wedge	<5 arc minutes
Surface 1 Flatness	$\lambda/10$ at 633 nm
Surface 1 Surface Quality	10-5
Surface 1 Coating	$\geq 95.0\%$ reflectivity at 193 nm
Surface 1 Angle Of Incidence	45°
Surface 2 Flatness	Commercial polish
Surface 2 Surface Quality	Commercial polish
Surface 2 Coating	None



Part Number	Diameter	Thickness	Price
MR1040	25.4	9.525	\$340.00
MR1080	50.8	9.525	\$560.00

