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50.80mm Laser Mirrors

Posted by unitedlens on April 25, 2016 7:16 am

$175.00

Our Laser Mirrors offer high performance at an affordable price. Details of our laser mirrors include:

- **High Damage Thresholds:** Each batch of mirrors is checked by a third party test facility for compliance.
- **High Reflectivity:** Each batch of mirrors is scanned for absolute reflection on one of our state-of-the-art, calibration maintained spectrophotometers.
- **Clean Packaging:** To minimize contamination, the mirrors are packaged in PETG containers in class 100 HEPA filtered flow benches.
- **High Quality Substrate:** Only high quality materials, such as UV Grade Fused Silica, are used.

Thickness Choose an option

AOI Choose an option

1 Add to cart

SKU: N/A Category: High Power Laser Mirrors

Additional information

Additional information

Weight	*0.12 lbs*
Thickness	*6.35mm +0mm/-0.20mm, 9.53mm +0mm/-0.20mm*
AOI	*0°, 45°*
Material	*UV Grade Fused Silica*
Diameter	

	50.80mm
Flatness after coating Side 1	*< 1/4 wave P-V @633nm*
Surface Quality Side 1	*10/5*
Surface Quality Side 2	*Commercial*
Wedge	*< 30 arcseconds*
Chamfer	*0.35mm-0.60mm FW x 45°*
Clear Aperture	*85% min*
Reflectivity 0° AOI	*R > 99.8%*
Reflectivity 45° AOI	*Rs > 99.7%, Rp > 99%*
Damage Threshold-Pulsed	*25 J/cm², 20 nsec 20 Hz @ 1064 nm*
Damage Threshold-CW	*50 MW/cm ² @ 1064 nm*
Adhesion and Durability	*Per MIL-PRF-13830B*

Related products

25.40mm Laser Mirrors

$95.00

Select options

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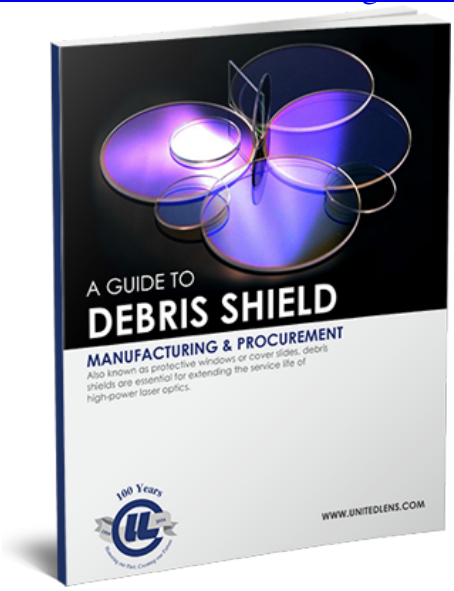

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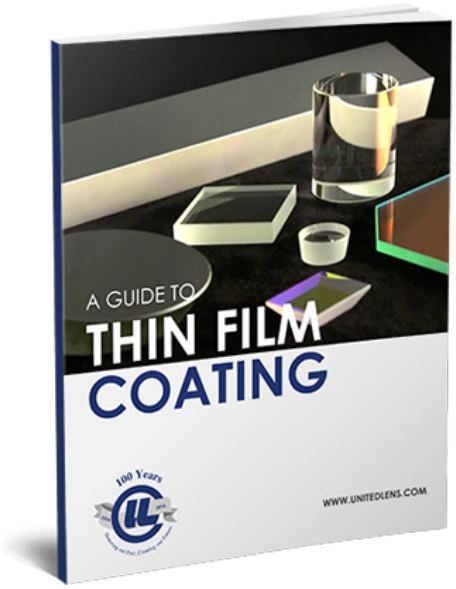

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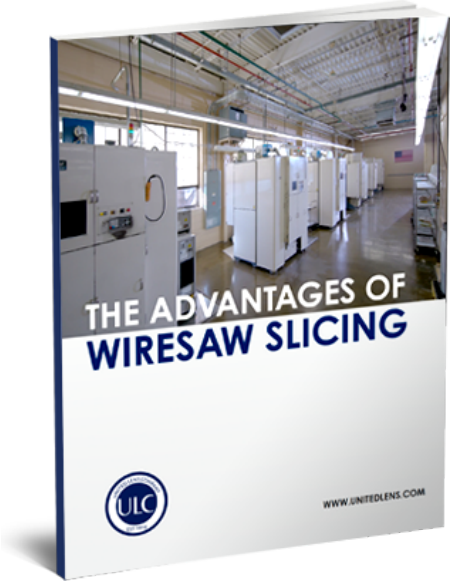

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  Info@UnitedLens.com

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