

TECHSPEC[®] 5mm 266nm, Laser Line $\lambda/20$ High Tolerance Right Angle Mirror



Stock **#37-640** 4 In Stock

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1

+

€239^{.00}

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Volume Pricing	
Qty 1-5	€239,00 each
Qty 6-25	€196,00 each
Qty 26-49	€192,00 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Right Angle Mirror

Type:

Physical & Mechanical Properties

Protective as needed

Bevel:

90

Clear Aperture (%):

+0.00/-0.10	Dimensional Tolerance (mm):
7.10	Length of Hypotenuse (mm):
5.00	Length of Legs (mm):

Optical Properties

Laser Mirror (266nm)	Coating:
$\lambda/20$	Surface Flatness (P-V):
266	Design Wavelength DWL (nm):
Fused Silica (Corning 7980)	Substrate: ☐
Coating Specification: R _{abs} >99.5% @ 266nm @ 45° AOI R _{avg} >99.5% @ 263 - 268nm @ 45° AOI	
20-10	Surface Quality:
1MW/cm ² @ 266nm	Damage Threshold, Reference: ☐
±1	Pyramid Tolerance (arcmin):
±15	Angle Tolerance (arcsec):

Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 209:
View	Certificate of Conformance:

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- >99.5% Reflectivity at the Design Wavelength
- ±15 Arcsecond Angular Tolerance
- High Thermal Stability Substrates

TECHSPEC® Laser Line $\lambda/20$ High Tolerance Right Angle Mirrors are designed at Nd:YAG wavelengths with durable, high reflectivity dielectric coatings. Right angle mirrors are easily mounted and integrated into systems that redirect light 90°. With ±15 arcsecond angular tolerance and ±1 arcminute pyramid tolerance, these laser line mirrors simplify alignment when mounting. TECHSPEC® Laser Line $\lambda/20$ High Tolerance Right Angle Mirrors feature laser induced damage threshold specifications making them ideal for demanding laser applications.

