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TECHSPEC® 0° AOI, 101 x 127mm, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-442** **9 In Stock**

⊖ 1 ⊕ €238⁰⁰

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Volume Pricing	
Qty 1-9	€238,00 each
Qty 10-25	€214,00 each
Qty 26-49	€203,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Cold Mirror **Type:**

Physical & Mechanical Properties

3.30 ±0.2 **Thickness (mm):**

Dimensions (mm):

101.0 x 127.0

Dimensional Tolerance (mm):

+0.0/-0.2

Length (mm):

127.00

Width (mm):

101.00

Optical Properties

Transmission (%):

Longpass Filter

Coating Type:

Dielectric

Coating:

Cold Mirror, 0°

Surface Flatness (P-V):

4 - 6λ

Wavelength Range (nm):

400 - 1150

Substrate:

BOROFLOAT®

Angle of Incidence (°):

0

Coating Specification:

R_{avg} ≥ 95% @ 400 - 690nm and T_{avg} ≥ 90% @ 750 -

1200nm

AR Coating: R_{avg} < 1% @ 700 - 1150nm

Surface Quality:

80-50

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

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Reach 247:

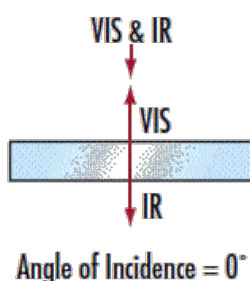
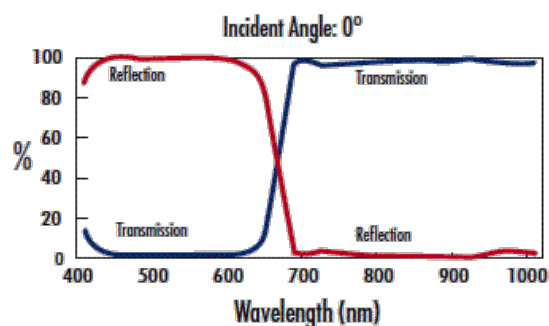
Compliant

Product Details

- >95% Reflection from 400 - 690nm
- >90% Transmission from 750 - 1200nm
- Optimized for 0° or 45° Angle of Incidence

TECHSPEC® High Performance Cold Mirrors feature a multi-layer dielectric coating optimized for greater than 95% reflection of visible light and greater than 90% transmission of IR wavelengths. Cold mirrors are designed for use in any application where heat build-up can cause damage or adverse effects. For high power illumination, forced air cooling is recommended.

Technical Information



Quote Your Size

Compatible Mounts
