

TECHSPEC® 45° AOI, 12.5mm Diameter, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-443** **17 In Stock**

⊖ 1 ⊕ £40⁰⁰

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Volume Pricing	
Qty 1-9	£40.80 each
Qty 10-25	£36.60 each
Qty 26-49	£35.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Cold Mirror **Type:**

Physical & Mechanical Properties

12.50 **Diameter (mm):**

Thickness (mm):

1.10 ±0.2

Dimensional Tolerance (mm):

+0.0/-0.2

Optical Properties

Dichroic Filter **Transmission (%):**

Dielectric **Coating Type:**

Cold Mirror, 45° **Coating:**

4 - 6λ **Surface Flatness (P-V):**

425 - 1150 **Wavelength Range (nm):**

BOROFLOAT® **Substrate:** □

45 **Angle of Incidence (°):**

Coating Specification:
R_{avg} ≥95% @ 400 - 690nm and T_{avg} ≥90% @ 750 - 1200nm
AR Coating: R_{avg} <1% @ 700 - 1150nm

80-50 **Surface Quality:**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

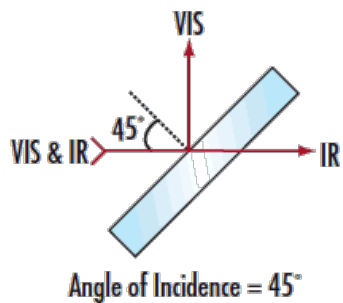
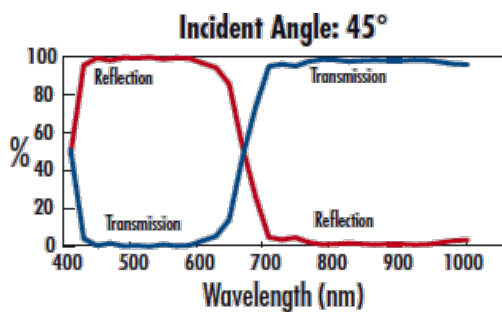
Compliant **Reach 247:**

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

