

**TECHSPEC® 0° AOI, 12.5mm Square, Cold Mirror**



TECHSPEC High Performance Cold Mirrors

Stock **#64-434** **20+ In Stock**

⊖ 1 ⊕ £40<sup>40</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	£40.40 each
Qty 10-25	£36.40 each
Qty 26-49	£34.60 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

1.10 ±0.2 **Thickness (mm):**

**Dimensions (mm):**

12.5 x 12.5

**Dimensional Tolerance (mm):**

+0.0/-0.2

**Length (mm):**

12.50

**Width (mm):**

12.50

## 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<sub>avg</sub> ≥95% @400 - 690nm and T<sub>avg</sub> ≥90% @750 -

1200nm

AR Coating: R<sub>avg</sub> <1% @700 - 1150nm

**Surface Quality:**

80-50

## Regulatory Compliance

**RoHS 2015:**

**Compliant**

**Certificate of Conformance:**

[View](#)

**Reach 247:**

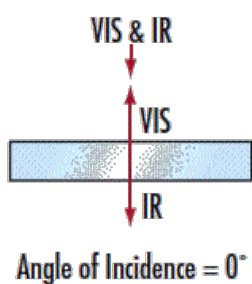
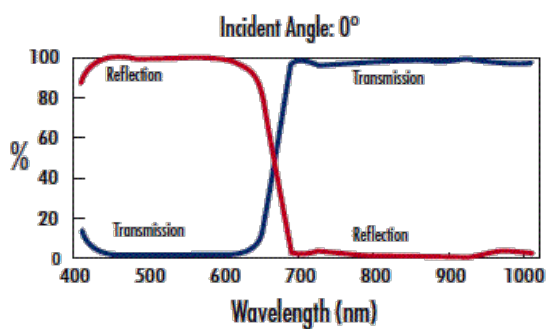
**Compliant**

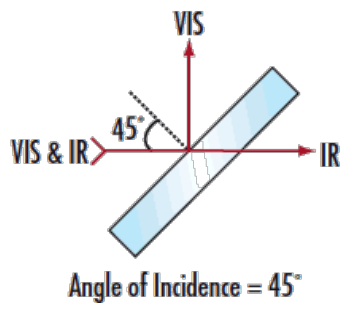
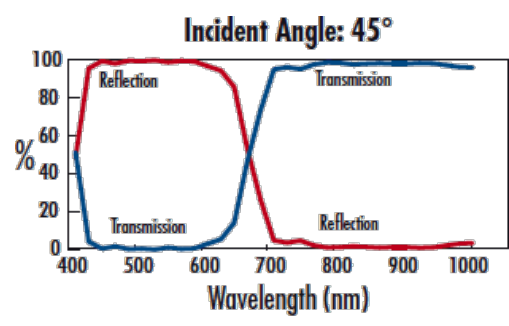
## Product Details

- >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**