

TECHSPEC® 0° AOI, 50.0mm Square, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-441** **8 In Stock**

⊖ 1 ⊕ £88.80

ADD TO CART

Volume Pricing	
Qty 1-9	£88.80 each
Qty 10-25	£80.00 each
Qty 26-49	£76.00 each
Need More?	Request Quote

ⓘ 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):

50.0 x 50.0

Dimensional Tolerance (mm):

+0.0/-0.2

Length (mm):

50.00

Width (mm):

50.00

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:

[View](#)

Reach 247:

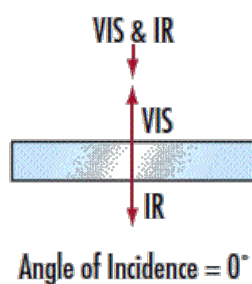
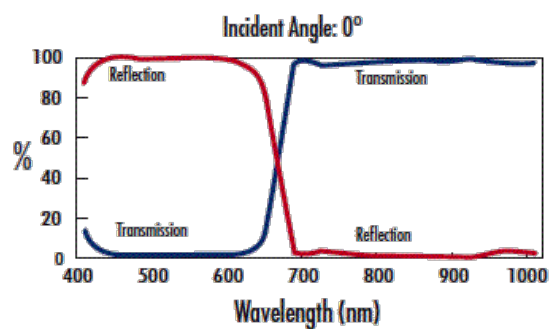
[Compliant](#)

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
