

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



TECHSPEC High Performance Cold Mirrors

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

⊖ 1 ⊕ **A\$177<sup>00</sup>**

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | <b>A\$177.60</b> each         |
| Qty 10-25      | <b>A\$160.00</b> each         |
| Qty 26-49      | <b>A\$152.00</b> each         |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

3.30 ±0.2 **Thickness (mm):**

50.0 x 50.0 **Dimensions (mm):**

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<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:

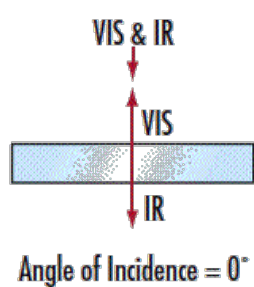
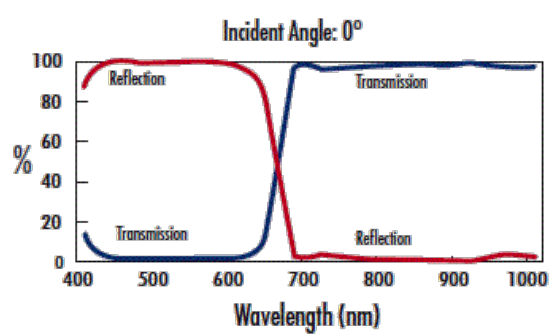
**Compliant**

## 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**

