

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



TECHSPEC High Performance Cold Mirrors

Stock **#64-440** **20+ In Stock**

⊖ 1 ⊕ C\$155<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	C\$155.40 each
Qty 10-25	C\$140.00 each
Qty 26-49	C\$133.00 each
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Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

50.00 **Diameter (mm):**

3.30 ±0.2 **Thickness (mm):**

Dimensional Tolerance (mm):

+0.0/-0.2

## Optical Properties

Longpass Filter      **Transmission (%)**:

Dielectric      **Coating Type**:

Cold Mirror, 0°      **Coating**:

4 - 6λ      **Surface Flatness (P-V)**:

400 - 1150      **Wavelength Range (nm)**:

**BOROFLOAT®**      **Substrate:** □

0      **Angle of Incidence (°)**:

**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

80-50      **Surface Quality**:

## Regulatory Compliance

**Compliant**      **RoHS 2015:**

**View**      **Certificate of Conformance:**

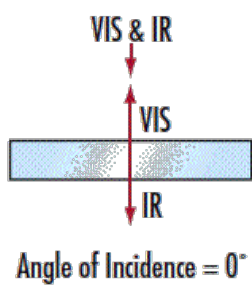
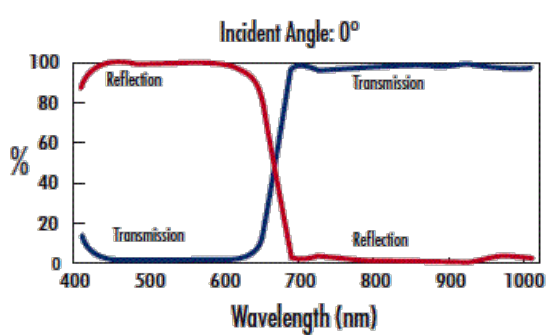
**Compliant**      **Reach 247:**

## 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**

