

**TECHSPEC® 45° AOI, 50.0mm Diameter, Cold Mirror**



TECHSPEC High Performance Cold Mirrors

Stock **#64-450** **20+ In Stock**

⊖ 1 ⊕ €111.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	€111,00 each
Qty 10-25	€100,00 each
Qty 26-49	€95,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Cold Mirror **Type:**

**Physical & Mechanical Properties**

50.00 **Diameter (mm):**

**Thickness (mm):**

3.30 ±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<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:**

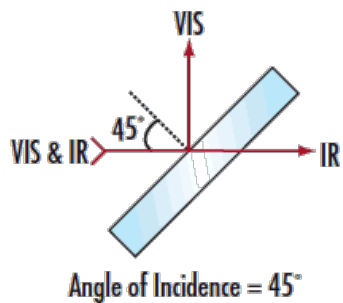
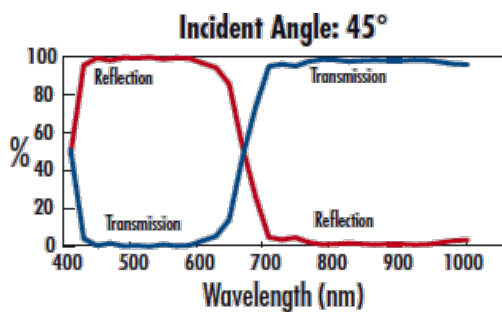
**Compliant** **Reach 247:**

**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**

