

TECHSPEC[®] 45° AOI, 50.0mm Square, Cold Mirror



TECHSPEC High Performance Cold Mirrors

Stock **#64-451** 20+ In Stock

-

1

+

£88⁰⁰

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

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Cold Mirror

Physical & Mechanical Properties

Thickness (mm):

3.30 ±0.2

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 (%)	
Dichroic Filter	
Coating Type:	
Dielectric	
Coating:	
Cold Mirror, 45°	
Surface Flatness (P-V):	
4 - 6λ	
Wavelength Range (nm):	
425 - 1150	
Substrate: ☐	
BOROFLOAT®	
Angle of Incidence (°):	
45	
Coating Specification:	
R _{avg} ≥95% @ 400 - 690nm and T _{avg} ≥90% @ 750 - 1200nm	
AR Coating: R _{avg} <1% @ 700 - 1150nm	
Surface Quality:	
80-50	

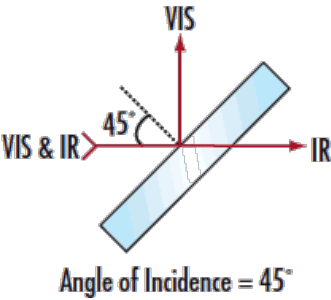
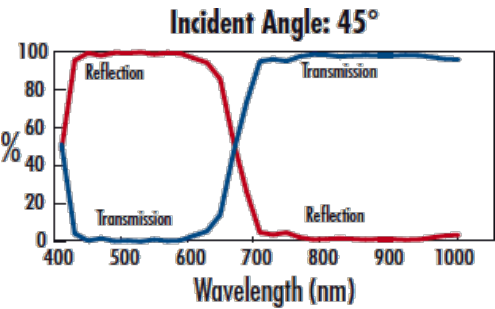
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 247:	
Compliant	

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

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