

TECHSPEC<sup>®</sup> 45° AOI, 50.0mm Square, Cold Mirror



TECHSPEC High Performance Cold Mirrors

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

-

1

+

C\$155<sup>40</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                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                  |
|----------------------------------|------------------|
| Cold Mirror                      | Type:            |
| Physical & Mechanical Properties |                  |
| 3.30 ±0.2                        | Thickness (mm):  |
| 50.0 x50.0                       | Dimensions (mm): |

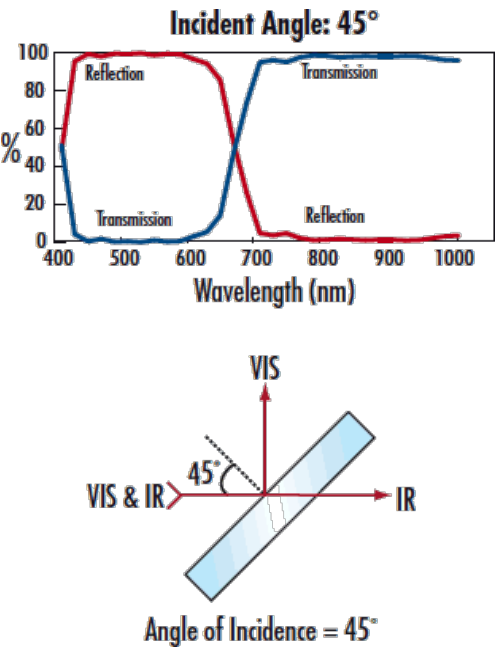
|                                                                             |  |
|-----------------------------------------------------------------------------|--|
| Dimensional Tolerance (mm):                                                 |  |
| +0.0/-0.2                                                                   |  |
| 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: <input type="checkbox"/>                                         |  |
| <a href="#">BOROFLOAT®</a>                                                  |  |
| Angle of Incidence (°):                                                     |  |
| 45                                                                          |  |
| 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:                  |  |
| <a href="#">Compliant</a>   |  |
| Certificate of Conformance: |  |
| <a href="#">View</a>        |  |
| Reach 247:                  |  |
| <a href="#">Compliant</a>   |  |

## 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

