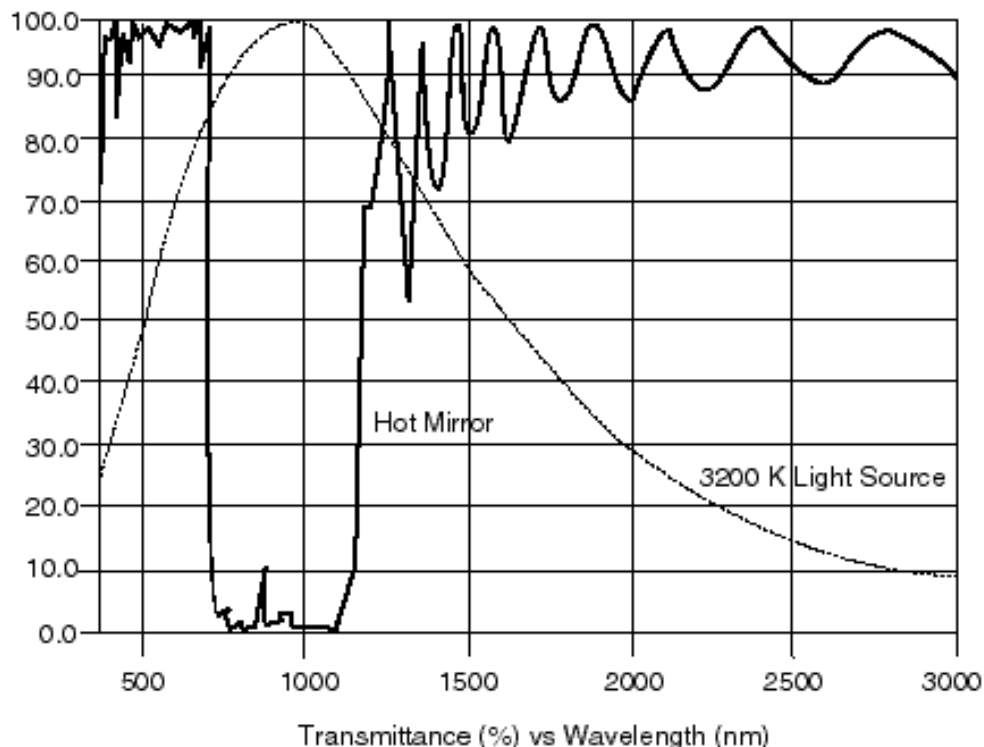


**Product Information: COLOR NEUTRAL HOT MIRROR**

**Hot Mirror Type #102**

6/01



**Hot Mirror 3200 K Light Source**

Hot Mirrors are designed to remove (reflect) infrared heat in an optical system and transmit visible energy. The #102 Hot Mirror design has been optimized to have much higher and color neutral visible transmission than conventional Hot Mirrors. The #102 color neutral Hot Mirror is ideal for use in fiber optic illuminators, movie and slide projectors or any application where color projection is critical. The #101 U.V. Hot Mirror offers protection from ultra violet radiation and extended I.R. reflection for extreme temperature applications. For conventional heat/light separation see our #103 Hot Mirror.

**Features:**

- High visible transmission
- High infrared reflection
- Color Neutral at either 5500K. or 3200K. to  $\pm 150^\circ\text{K}$ .
- Operating temperature  $600^\circ\text{C}$ .
- All dielectric, durable, easily cleaned

**Specifications:**

- Substrate: Borofloat<sup>®</sup>
- Thickness: 3.3mm & 1.75mm
- Size: Up to 24" diameter
- Angle of Incidence:  $0^\circ$
- Transmission: 93% ave. 425mm — 700mm  
5% ave. 750mm — 1100mm

**OPTICAL COATINGS**

LUXAR<sup>®</sup>  
ANTI-REFLECTIVE

OPTIVEX<sup>®</sup>  
U.V. COATING

HOT & COLD  
MIRRORS

FRONT SURFACE  
MIRRORS

BEAM SPLITTERS

ELECTRICALLY  
CONDUCTIVE  
(ITO)

PYROLYTICALLY  
APPLIED  
TIN OXIDE

BAND PASS  
FILTERS

SUBSTRATES  
FOR COATINGS