

[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [Hot and Cold Mirrors](#)

Extended Hot Mirrors



- Improved NIR Reflectance Over Standard Hot Mirrors
- Operating Temperatures up to 230°C
- Neutral Color for 5500K or 3200K Sources to $\pm 250\text{K}$

Common Specifications

Physical & Mechanical Properties

 Thickness (mm): 3.30 $\pm$ 0.2

 Clear Aperture (%): ≥ 85

Optical Properties

Angle of Incidence (°): 0.00

Coating: Hot Mirror, 0°

 Substrate: [BOROFLOAT®](#)

Surface Quality: 80-50

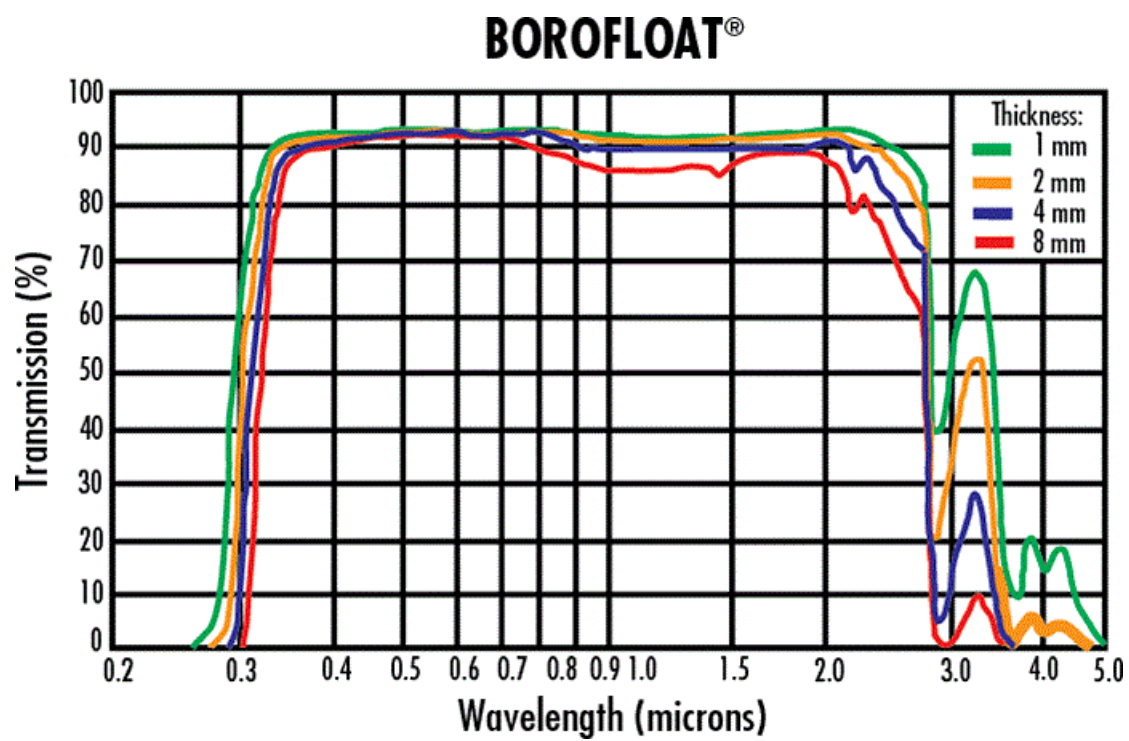
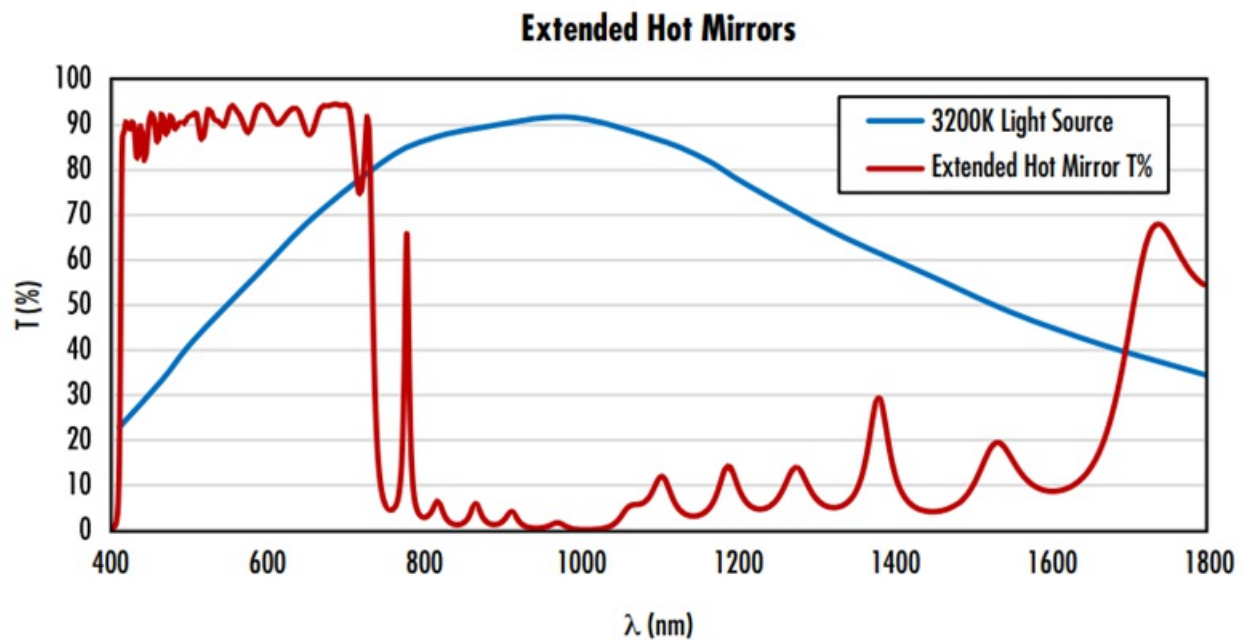
 Coating Specification:
 $R_{\text{avg}} \geq 90\% @ 750 - 1150\text{nm}$
 $R_{\text{avg}} \geq 80\% @ 1200 - 1600\text{nm}$
 $T_{\text{avg}} \geq 85\% @ 425 - 675\text{nm}$

Wavelength Range (nm): 425 - 1600

 Surface Flatness (P-V): 4 - 6 λ

Coating Type: Dielectric

Technical Information



Products

AOI (°)	Dia. (mm)	Dimensions (mm)	Thickness (mm)	Stock Number	Price	Buy
0.00	-	101.0 x 127.0	3.30	#47-304	S\$414.40 Volume Pricing	13 In Stock
0.00	25.00	-	3.30	#46-386	S\$103.60 Volume Pricing	20+ In Stock
0.00	-	25.0 x 25.0	3.30	#46-387	S\$103.60 Volume Pricing	13 In Stock
0.00	50.00	-	3.30	#47-303	S\$155.40 Volume Pricing	20+ In Stock
0.00	-	50.0 x 50.0	3.30	#46-388	S\$154.00 Volume Pricing	20+ In Stock



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