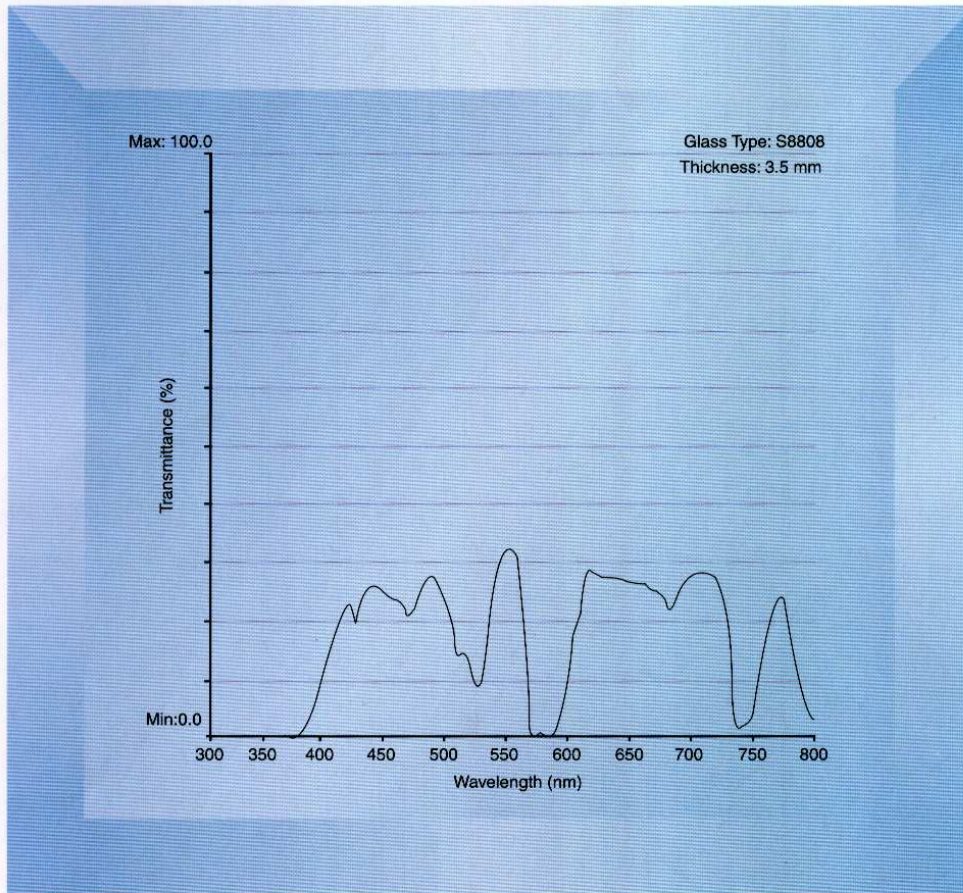


Contrast Enhancement Filter S8808

S8808

Name	Color	Most Common Use
S8808	Blue-Gray	Full-Color Displays Avionics Data/Information Industrial



SCHOTT
glass made of ideas

Contrast Enhancement Filter S8808

Color and Transmittance Data

Common Application	full-color
x = ¹⁾	0.2797
y = ¹⁾	0.2799
Y = ¹⁾	17.1
Transmission (%)	T@445nm=25.6 ± 3.0%
	555nm=32.0 ± 1.5%
	580nm≤1.5%
	620nm=28.5 ± 3.0%
Half bandwidth (nm)	—
Transmission at Peak (%)	—
Reference Thickness (mm)	3.5
Color	blue-gray

Optical and Physical Properties

Refractive Index (n _D) ²⁾	1.569
Reflection Factor (P _D) ³⁾	0.91
Density (g/cm ³)	2.91
Transformation Temperature T _g (°C)	476
Working Point (C°)	760
Softening Point (C°)	607
Annealing Point (C°)	480
Strain Point (C°)	455
Thermal Coefficient of Expansion α _{20-300°C} (10 ⁻⁷ /°C)	133

¹⁾ Illuminant C

²⁾ Sodium @ 589.3 nm

$$\text{³⁾ } P = \frac{2n}{n^2+1}$$