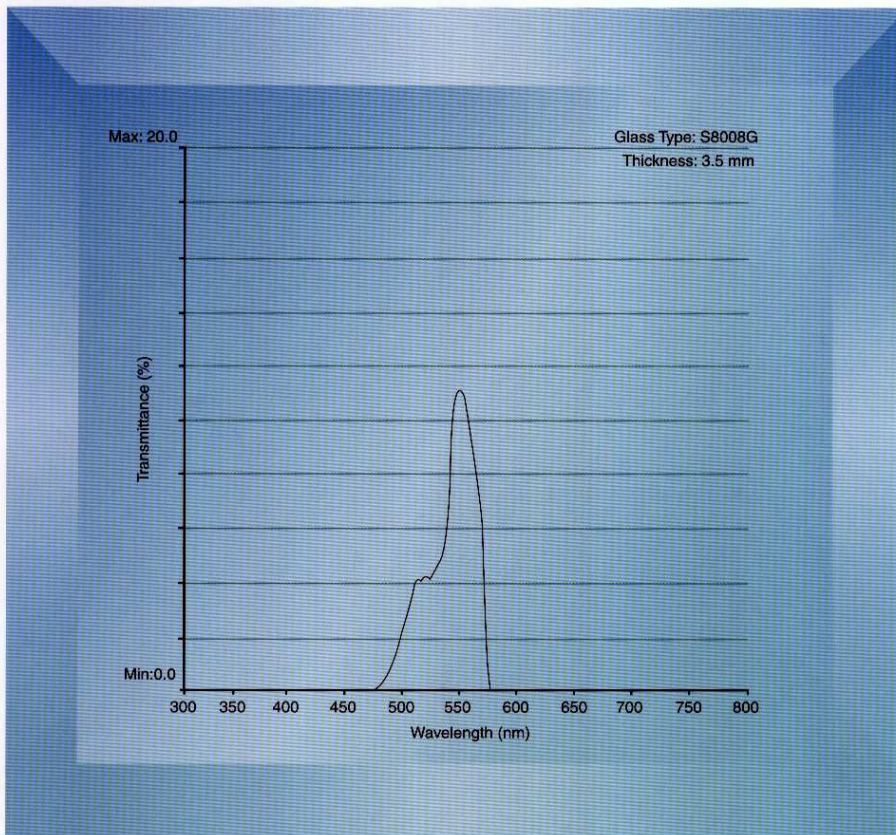


Contrast Enhancement Filter S8008G

Name
S8008G

Color
Green

Most Common Use
Monochromatic Displays
Avionics
Data/Information
Industrial



S8008G

SCHOTT
glass made of ideas

Contrast Enhancement Filter S8008G

Color and Transmittance Data

Common Application	monochromatic displays
$x = ^1)$	0.2568
$y = ^1)$	0.6899
$Y = ^1)$	3.3
Wavelength of Maximum Transmission (nm)	544 ± 2
Half bandwidth (nm)	≤ 28
Transmission at Peak (%)	11.5 ± 1
Reference Thickness (mm)	3.5
Color	green

Optical and Physical Properties

Refractive Index (n_D) ²⁾	1.548
Reflection Factor (P_D) ³⁾	0.91
Density (g/cm ³)	2.74
Transformation Temperature Tg(°C)	487
Working Point (C°)	909
Softening Point (C°)	671
Annealing Point (C°)	503
Strain Point (C°)	475
Thermal Coefficient of Expansion $\alpha_{20-300^\circ\text{C}}$ (10 ⁻⁷ /°C)	89

¹⁾ Illuminant C

²⁾ Sodium @ 589.3nm

³⁾ $P = \frac{2n}{n^2+1}$