

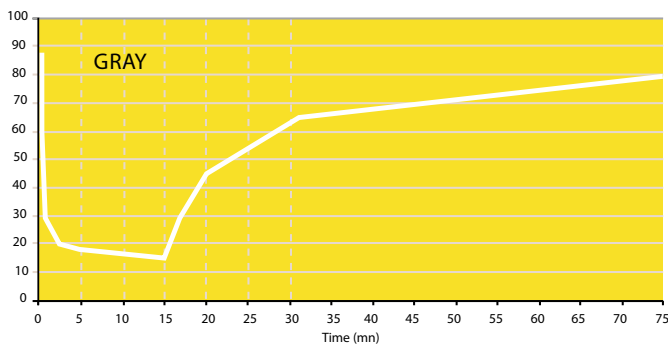
## Technical data

Protective Coating: All SunSensors® lenses are sold hard coated.

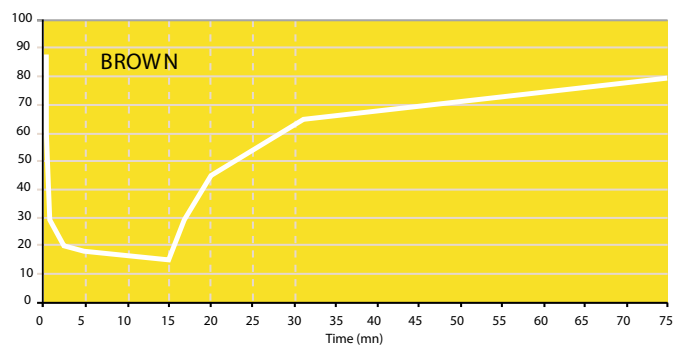
Anti-Reflection Coating: Multi-layer Anti-Reflective coating is recommended for all SunSensors® lenses. In the clear state, this treatment greatly improves transmission and makes the lenses more transparent.

### Transmission curves

Darkening/Fading Curve of SunSensors by Corning GRAY  
Solar Simulator, Temperature 22°C, simulated indoor fading  
Thickness 2 mm



Darkening/Fading Curve of SunSensors by Corning BROWN  
Solar Simulator, Temperature 22°C, simulated indoor fading  
Thickness 2 mm



Copyright © 2008 Corning Incorporated. All rights reserved.

### Characteristics according to ISO 14889

#### Transmission Factor (Visible + UV)

SunSensors by Corning	Gray		Brown	
	Clear	Dark	Clear	Dark
Test Condition				
Visible (380 - 780 nm) (Tv)	86%	17%	85%	20%
UV-B (280-315 nm) (Ts)	< 0.1%	< 0.1%	< 0.1%	< 0.1%
UV-A (315-380 nm) (ts)	5.0%	2.5%	3.5%	2.0%
UV-A+B (280-380 nm) (ts)	3.5%	2.0%	2.5%	1.5%

### Transmittance properties according to ISO 8980-3

#### Transmission categories

SunSensors by Corning	Gray	Brown
Thickness	2 mm	2 mm
Clear State	0	0
Dark State	3	2

### Traffic Signal recognition

ISO 14889	Pass
ANSI Z80.3	Pass
AS 1067.1	Pass

### Refractive Index : N = 1.559

Abbe Number : v = 38

Density : 1.17g/cm<sup>3</sup>