

*The universal photochromic lens ...
up to your wildest ophthalmic dreams!*



Key benefits

- Photochromic In-Mass Technology
- Mid-Index (1.56)
- Clear indoors (86%)
- Dark outdoors (Sunglass category 3)
- Available in Gray and Brown
- Excellent value for money
- An entry-level product for first-time photochromic eyewear customers

Applications

- Single-vision spherical lens designs
- Single-vision aspherical lens designs
- Bi-focal lens designs
- Progressive lens designs

Made by:



Signet Armorlite, Inc.

800-759-4630

www.signetarmorlite.com

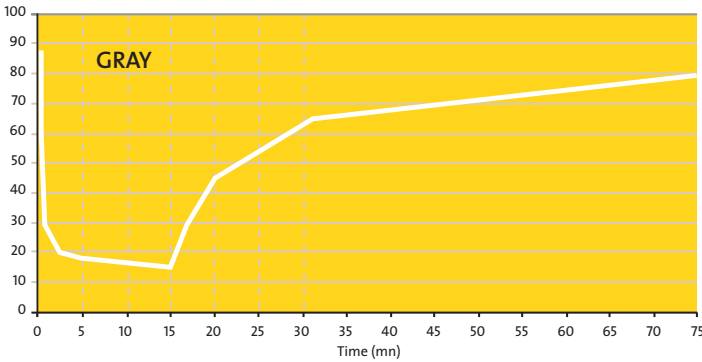
Technical data

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

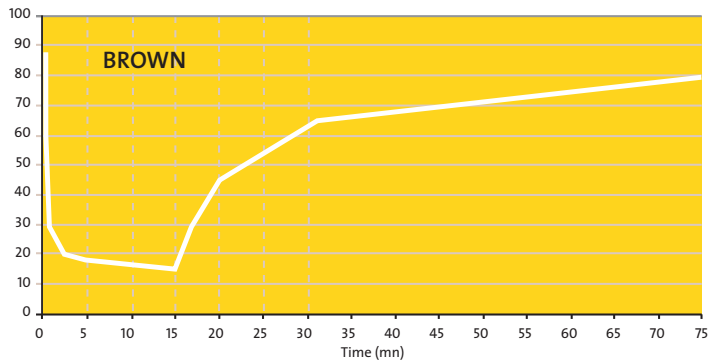
Anti-Reflection Coating: Multi-layer Anti-Reflective coating is recommended for all SunSensors® lenses. In the clear state, this treatment greatly improves transmission and makes the lenses more transparent.

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



Characteristics according to ISO 14889

Transmission Factor (Visible + UV)

SunSensors by Corning	Gray		Brown	
	Clear	Dark	Clear	Dark
Test Condition	Clear	Dark	Clear	Dark
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%

Traffic Signal recognition

ISO 14889	Pass
ANSI Z80.3	Pass
AS 1067.1	Pass

Transmittance properties according to ISO 8980-3

Transmission categories

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

Refractive Index : N = 1.559

Abbe Number : v = 38

Density : 1.17 g/cm³

Lens Availability

Products			
KODAK Single Vision Aspheric, 74mm: ★	Rx Range: -13.00 to +9.50	★ = Gray ★ = Brown	Bifocals (FT-35): ★
KODAK Bifocal (FT-28) Aspheric: ★	Base Curves: 0.50, 1.50, 2.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50, 9.75		
KODAK Unique Progressive, 71mm: ★ ★	Rx Range: -13.00 to +9.50D	★ = Gray ★ = Brown	Trifocals (7x28): ★
KODAK Precise® Progressive, 74/76mm: ★ ★	Base Curves: 0.50, 1.50, 3.50, 4.50, 5.50, 6.50, 7.50, 8.50, 9.75		
KODAK Concise® Progressive, 74mm: ★ ★	Add Powers: 1.00 to 3.00, in 0.25D steps	★ = Gray ★ = Brown	Navigator® Progressive, 76mm: ★ ★
Semi-Finished Single Vision, 70mm: ★	Sphere Range: +2.50 to -9.75 (cylinder range to -4.00)		
Single Vision, 74mm: ★ ★	Add Powers: +0.75 to +3.50 in .25 D steps	★ = Gray ★ = Brown	Navigator Short™ Progressive, 76mm: ★ ★
Bifocals (FT-28): ★ ★	Rx Range: -13.00 to +7.50		
	Base Curves: 0.50, 1.50, 3.25, 5.00, 7.00, 8.50	★ = Gray ★ = Brown	Finished Single Vision, (-)70mm (+)65mm: ★ ★
	Add Powers: 1.00 to 3.00, in 0.25D steps		
	Rx Range: -10.00 to +5.00D	★ = Gray ★ = Brown	
	Base Curves: 0.50, 1.25, 3.25, 5.50, 7.50		
	Add Powers: 1.00 to 3.00, in 0.25D steps	★ = Gray ★ = Brown	
	Rx Range: -13.00 to +6.00D		
	Base Curves: 0.50, 2.00, 4.12, 6.12, 8.50	★ = Gray ★ = Brown	
	Rx Range: -13.00 to +6.00D		
	Base Curves: 0.50, 2.00, 4.12, 6.12, 8.50	★ = Gray ★ = Brown	
	Rx Range: -13.00 to +6.00D		
	Base Curves: 0.50, 2.00, 4.12, 6.12, 8.50	★ = Gray ★ = Brown	
	Add Powers: 1.00 to 3.00, in 0.25D steps		

CAUTION Dispensing Note: At cooler temperatures, 53°F (12°C) and below, Corning SunSensors lenses may become very dark on bright sunny days and may be too dark for driving any type of open-air vehicle. At colder temperatures, particular caution should be used when going from sunny to shady areas.