

ADVANCED OPTICAL AND PHOTOCROMIC PERFORMANCE

Introducing AugenSOL™ Photochromic Lenses, a unique combination of premium Augen High Definition lens design technology and the most advanced photochromic 1.50 hard resin optical material available today.

- Gets dark exceptionally fast outdoors – sunlens dark in just 12 seconds
- Provides 100% UVA/UVB protection on both front and back lens surfaces
- Extra-dark tint rivals the light protection provided by sun lenses
- Fades more quickly to barely noticeable tint indoors for clear, translucent lenses

Offer Patients a Real Choice

Now you can offer Augen High Definition Lenses in two distinct materials and price categories, giving every patient an opportunity to enjoy premium lens designs with outstanding photochromic performance.

Material	Price Range
AugenSOL 1.50	Moderate
Augen HD in Trivex® Transitions®	Premium

Available through:

AugenSOL™ Availability

Augen High Definition®
HD SINGLE VISION
71mm Diameter – S.F. Gray

A New Approach to Aspheric Design

	SINGLE VISION SEMI FINISHED							
	0.75	2.00	3.50	4.00	5.00	6.25	7.25	8.25
Aspheric								
Double Asph.								

Augen High Definition®
TRINITY® 13/17 PROGRESSIVE
76mm Diameter – S.F. Gray

Fast Adaptation in an Easy-Wear Design

	ADD POWER												
BASE	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	
3.50													
5.00													
6.00													

BIFOCAL FLAT-TOP 28

71mm Diameter – S.F. Gray

Classic Design Bifocal Lenses

	ADD POWER								
BASE	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
2.00									
4.00									
6.00									
8.00									

866.284.3611 | AugenSOL.com

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AUGENSOL™
PHOTOCROMIC LENSES

A New Brand of
Photochromic Performance

AUGENSOL™
THE HD PHOTOCROMIC



AUGEN

HIGH DEFINITION LENSES™



CLEAR. DARK. FAST.

Sunlens Dark in Just 12 Seconds

AugenSOL™ Photochromic Lenses quickly change from clear to dark outdoors in just 12 seconds, and fade quickly from dark to clear indoors in approximately two minutes.



Color Stability throughout Activation

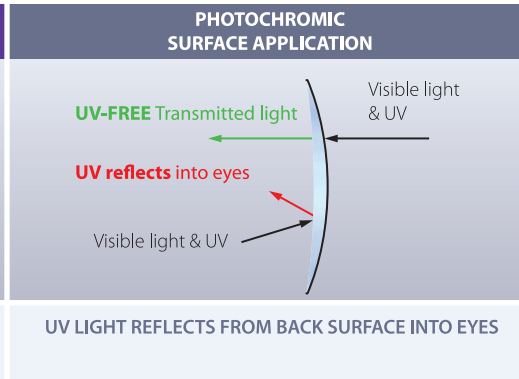
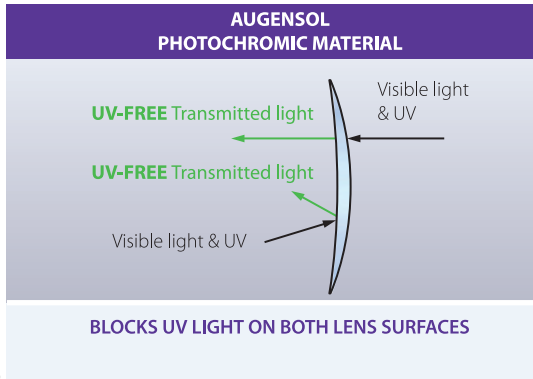
Extremely fast activation ensures color stability in both activated and fading states, with a consistent uniform gray tone across the lens.

Transmittance Data		AugenSOL™ Gray	Leading Photochromic Gray	Other In-Mass Gray
Clearness at bleached state T% @ 560nm		90	89	85
Darkening T(%) @560nm	23 deg C	12.8	10	16.0
	35 deg C	23.5	20	28.5
Fading @ 560nm 23 deg C	T(1/2)s	73	95	95
	T(3/4)s	214	239	280

SUPERIOR UV PROTECTION

AugenSOL™ integrates UV-filtering cells throughout the lens material, blocking 100% UVA and UVB

rays on both front and back lens surfaces during light transmission and reflection.



MORE STABLE IN EXTREME TEMPERATURES

AugenSOL Photochromic Lenses are more stable in extreme temperatures, maintaining their clarity indoors even in higher temperatures.

Transmitted light does not activate subsequent layers, maintaining complete transparency and providing a uniform tone even in higher prescriptions.

Professional Quality for Easy Processing

AugenSOL™ ensures uncompromising optics and comfort in a tough material that's easy to process.

- High Abbe value of 56 provides increased optical clarity
- Low specific gravity ensures lighter, more comfortable lenses
- Superior tensile strength makes lenses durable during processing

AugenSOL™ 1.50	Leading Photochromic 1.50	Hard Resin 1.50
Tensile Strength		
18 - 20 Kgf (t=2.2 mm)	12 - 14 Kgf (t=2.2 mm)	15 - 18 Kgf (t=2.0 mm)