synchrony

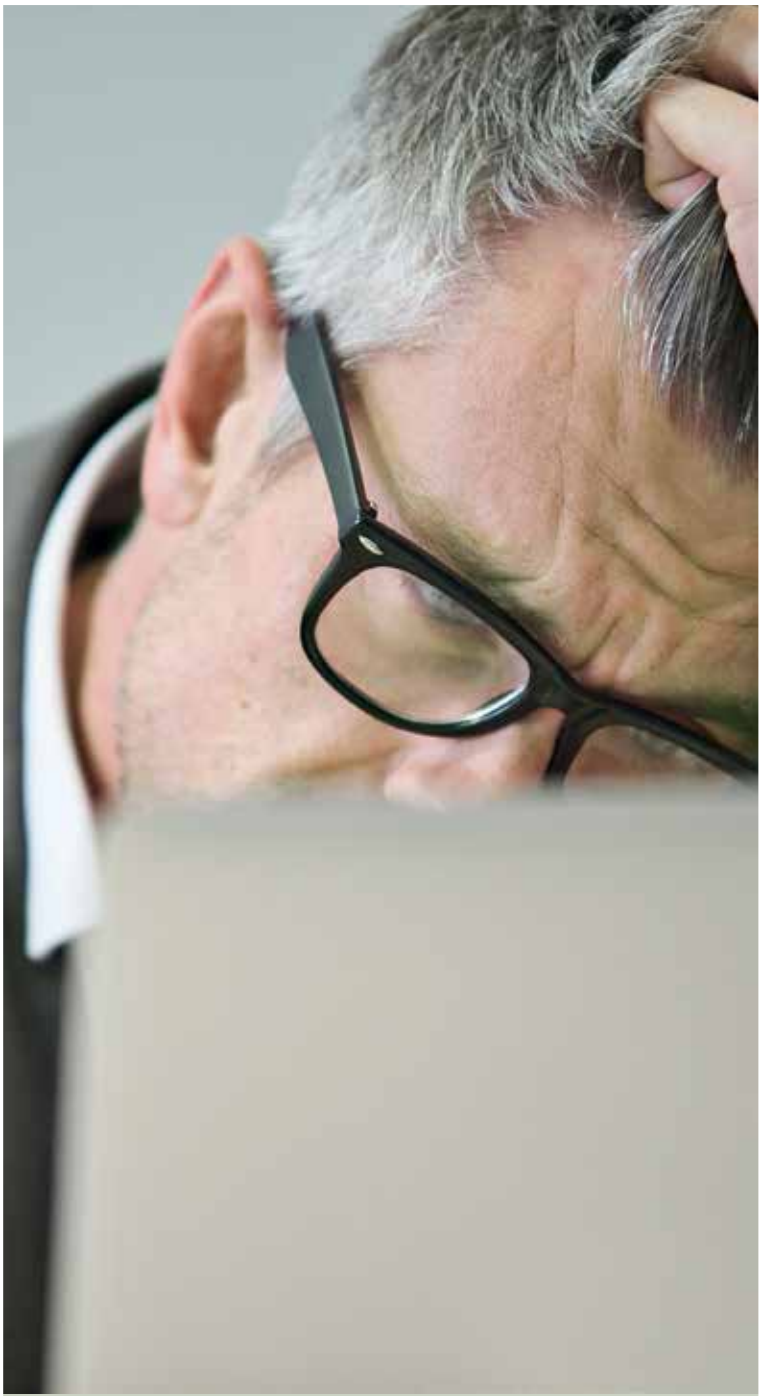
Ultra

Progressive Lenses

Unlimited vision for all your daily activities.

freeform technology

Understanding patients' needs.



70% of presbyopes consider clear vision at all distances the most important benefit.*

"I want to live my life without limits, no matter what activity I do."

"I value my vision, but also my appearance."

"I don't want to feel my eyes burning at the end of the day."

A vast majority of presbyopes often experience problems with progressive lenses.

- Patients cannot see clearly at all distances, and objects look distorted.
- Reading or working at the computer can cause eye strain and fatigue.
- Patients experience blurred vision in the periphery, causing unnecessary head movements in order to see clearly.

*Source: Market Research run in 2014 with +1,000 users.

Ultra Progressive Lenses.
Unlimited vision for your active daily life.

synchrony® **Ultra** Progressive Lenses provide excellent vision for a wide variety of demanding activities.

- Excellent vision when performing dynamic tasks.
- Relaxed vision when reading or using computers.
- The optimal balance between optics and aesthetics.

Ultra Progressive Lenses provide presbyopes with:

- Fast switch from near to far and from near to intermediate, when performing dynamic tasks.
- Relaxed position of head, shoulders and upper body for clear up-close vision activities or the use of computers.
- Large distortion-free distance zone for natural vision without too many head movements.

freeform technology

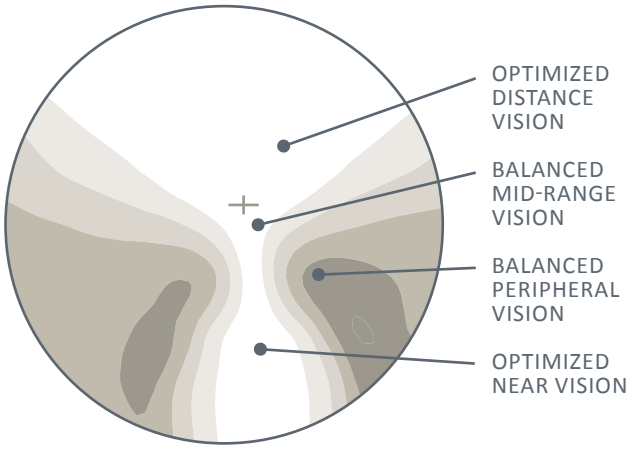
Lifestyle Technology ensures clear, natural vision even when performing dynamic activities.

Lifestyle Technology

- Clear distance vision and undistorted peripheral vision even during activities that require frequent head and eye movements, such as driving.
- Central viewing zones are carefully balanced to enable sufficient visual performance for sustained viewing tasks without compromising visual comfort.

Lifestyle Technology provides:

- **A balanced lifestyle profile** for optimal performance during activities with frequent eye movements.
- **Excellent vision**, due to the optimum balance between the distance, intermediate, near, and peripheral zones.



Physiologically Mapped Optics® provides optimal vision regardless of the stage of presbyopia or ametropia.

Physiologically mapped for presbyopia

Emerging presbyopes are used to unrestricted near vision and can still see objects at mid-range distances through either the distance or near zone of the lens.

- **Ultra** incorporates a shorter progression length and an easily accessible reading zone for early presbyopes.

Advanced presbyopes have lost their ability to focus on both up-close and mid-range objects.

- **Ultra** presents a longer, wider intermediate zone using a unique lens design for every add power.

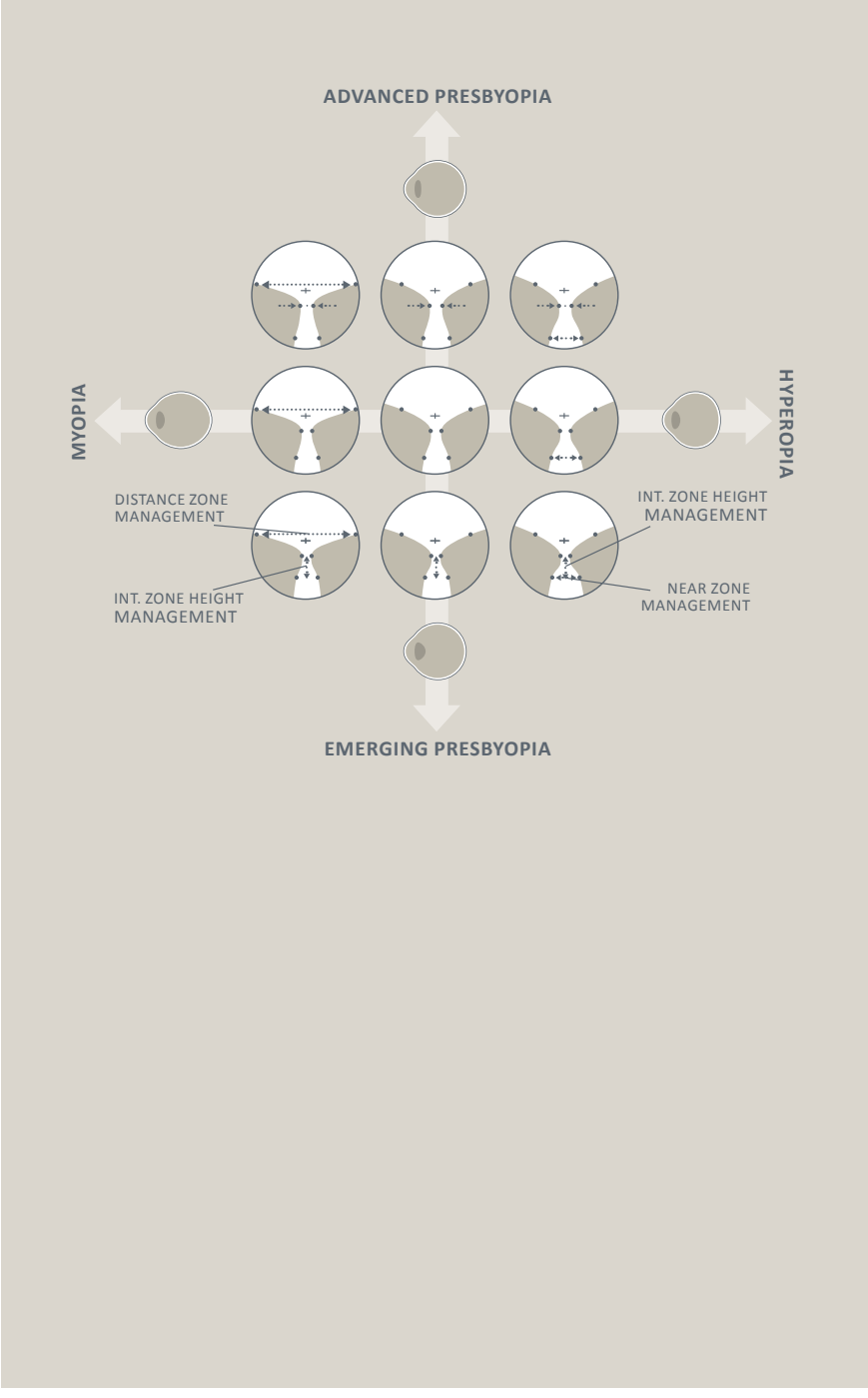
Physiologically mapped for ametropia

Myopes demand more for their distance vision through progressive lenses.

- **Ultra** uses flat base curves and incorporates a wide distance zone.

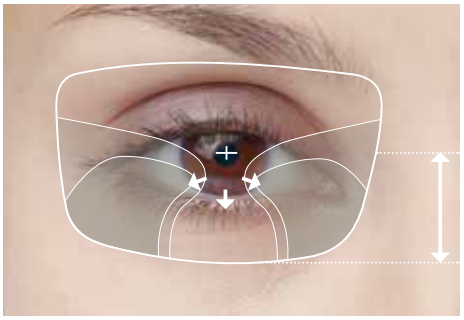
Hyperopes rely more on progressive lenses for reading.

- **Ultra** integrates steep base curves and a wide near zone.

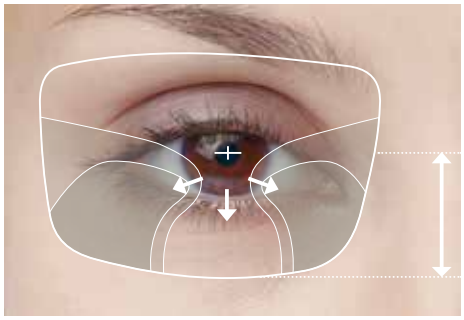


freeform technology

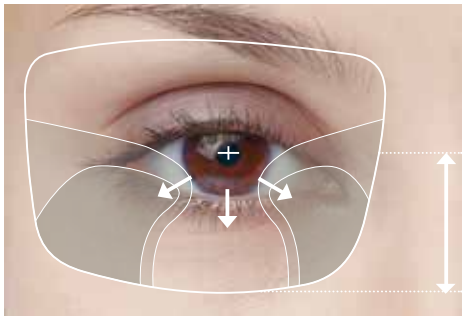
Morphing Generation® Technology delivers consistently clear reading zones with any frame style.



SMALL FRAME AND FITTING HEIGHT
SHORT CORRIDOR LENGTH, SMALLER ZONE SIZES



MEDIUM FRAME AND FITTING HEIGHT
MEDIUM CORRIDOR LENGTH, MEDIUM ZONE SIZES



LARGE FRAME AND FITTING HEIGHT
LONG CORRIDOR LENGTH, LARGE ZONE SIZES

Ultra HDC and Ultra HDV

Morphing Generation Technology expands or contracts the corridor length and viewing zones of the lens design based on the patient's selected frame size to maximize optical performance and near vision, regardless of frame size.

By combining sophisticated computer interpolation with curvature vector mapping algorithms, the overall geometry of the progressive lens design can be modified to maximize the performance of the lens for each patient.

Ultra Progressive Lenses

Our patented* back-surface technology allows us to apply the progressive design directly to the lens using high-precision freeform manufacturing. This ensures accurate replication of the design.

- By placing all of the progressive optics on the back surface, rather than splitting them between the front and back, we eliminate the risk of misalignment between the surfaces.
- It also places the lens optics as close as possible to the eye, maximizing viewing zones and minimizing unwanted effects like skew distortion and image swim.

The result is the clearest, most comfortable vision.

* US PATENT 6,089,713

Ultra Progressive Lenses.
Unlimited vision for your active daily life.

Three different options designed for your patient's needs.

synchrony Ultra HDC
(Variable 13 - 35 mm)

Fully customized design optimized according to your patient's unique position of wear parameters

synchrony Ultra HDV
(Variable 13 - 35 mm)

Optimized design according to the fitting parameters to give complete freedom in the selection of frames

synchrony Ultra HD
(13, 15, 17, 19, 21 mm)

Optimized design for different fitting heights

Availability

Material	Diameter	Colour	Rx Range	Cyl	Add Power
1.50 Hard Resin	75/95	Clear	-10.00 to +6.00D	-6.00D	0.75 to 3.50D
1.53 Trivex®	72/92	Clear	-9.00 to +5.00D	-4.00D	0.75 to 3.50D
1.59 Polycarbonate	72/92	Clear	-9.00 to +6.00D	-6.00D	0.75 to 3.50D
1.60 High Index	75/95*	Clear	-12.00 to +6.00D	-6.00D	0.75 to 3.50D
1.67 High Index	70/90	Clear	-12.00 to +8.00D	-6.00D	0.75 to 3.50D
1.74 High Index	Varies	Clear	-16.00 to +10.00D	-6.00D	0.75 to 3.50D
PhotoFusion Self-Tinting Lenses					
1.50 PhotoFusion	75/95	Grey & Brown	-10.00 to +6.00D	-6.00D	0.75 to 3.50D
1.59 PhotoFusion	72/92	Grey & Brown	-9.00 to +6.00D	-6.00D	0.75 to 3.50D
1.60 PhotoFusion	75/95*	Grey & Brown	-12.00 to +6.00D	-6.00D	0.75 to 3.50D
1.67 PhotoFusion	70/90	Grey & Brown	-12.00 to +8.00D	-6.00D	0.75 to 3.50D
Transitions					
1.50 Transitions	75/95	Grey, Brown & Vantage	-10.00 to +6.00D	-6.00D	0.75 to 3.50D
1.53 Transitions	72/92	Grey & Brown	-9.00 to +5.00D	-4.00D	0.75 to 3.50D
1.59 Transitions	72/92	Grey, Brown & XTRActive	-9.00 to +6.00D	-6.00D	0.75 to 3.50D
1.60 Transitions	75/95*	Grey & Brown	-12.00 to +6.00D	-6.00D	0.75 to 3.50D
1.67 Transitions	70/90	Grey, Brown & XTRActive	-12.00 to +8.00D	-4.00D	0.75 to 3.50D
Sun & Polarized					
1.50 Polarized	75/95	Grey & Brown	-8.00 to +6.00D	-6.00D	0.75 to 3.50D
1.53 Trivex NXT® Polarized	72/92	Grey & Brown	-5.00 to +5.00D	-4.00D	0.75 to 3.50D
1.53 Trivex NXT Photo Polarized	72/92	Grey & Brown	-5.00 to +5.00D	-4.00D	0.75 to 3.50D
1.53 Trivex NXT Tint	72/92	NXT® sun tints, mirrors	-9.00 to +5.00D	-4.00D	0.75 to 3.50D
1.53 Trivex NXT Photochromic	72/92	NXT® sun colours	-9.00 to +5.00D	-4.00D	0.75 to 3.50D
1.59 Polarized	72/92	Grey & Brown	-9.00 to +6.00D	-6.00D	0.75 to 3.50D
1.60 Polarized	75/95*	Grey, Brown & G-15	-11.00 to +6.00D	-6.00D	0.75 to 3.50D
1.67 Polarized	70/90	Grey & Brown	-11.00 to +6.00D	-6.00D	0.75 to 3.50D

* Please confirm diameter availability for Rx's over +4.00D / -5.00D with your lab

freeform technology

synchrony

synchrony lenses offer more designs, more practice solutions, more satisfied patients.

For more information contact your Carl Zeiss Vision representative or visit www.synchronylenses.ca

German Precision Optics Manufactured in Canada.

Carl Zeiss Vision Inc.
1-800-268-6489

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