



Introducing Varilux® XR series™ --powered by behavioral AI²



EssilorLuxottica is excited to announce the recent launch of the NEW Varilux® XR series™ lenses, Varilux® XR design and Varilux® XR track, on June 27, 2023.

Varilux XR series, the latest generation of Varilux® lenses, is the first eye-responsive progressive lens¹ **powered by behavioral artificial intelligence²**.

Varilux XR series lenses are designed to meet the needs of today's presbyopes, who live in an era of information overload, utilizing multiple devices and always on the go. They feature **NEW XR-motion™ technology** which, combined with the Varilux® X series™ exclusive Nanoptix® and Xtend™ technologies, provides wearers with instant sharpness, even in motion³. This breakthrough innovation makes Varilux XR series the BEST overall progressive lens⁴.

Beyond prescription and eye physiology, the design now considers **visual behavior**, a prerequisite for fast and precise eye movements. More than **1 million** data points from exclusive research, real-life wearer tests, wearer behavioral and postural measurements in store were computed and analyzed. The digital twin of the patient is created in its 3D environment, reproducing real life situations, to predict its visual behavior profile.⁵ For every single wearer prescription, the visual behavior profile is established to design a progressive lens that respects their natural eye behavior.

9 OUT OF 10 WEARERS⁶:

*Felt adapted by
the very first day⁷*



*Felt confident or
very confident
while in motion⁸*



*Perceived instant
sharpness at all
distances, even
while in motion⁹*



XR-MOTION™ TECHNOLOGY

The XR-motion technology allows the optimization of both lenses according to the visual behavior profile of the patient through two major optimizations:

- Taking binocular vision to the next level
- Precise positioning of the focus zones

**Varilux XR series comes
in a comprehensive
personalized range:**

- **Varilux XR design**
 - ◊ PD and Fitting Height
 - ◊ Position of Wear measurements optional (vertex, panto, wrap)

- **Varilux XR track**
 - ◊ PD and Fitting Height
 - ◊ Position of Wear measurements
 - ◊ Near Vision Behavior Measurements¹⁰

**For more information on Varilux XR series, visit our Varilux folder at interstatelabgroup.com/library.
Additionally you can take on-demand courses in our Leonardo learning center or a FREE live ABO course.
Visit leonardo.essilorluxottica.com, log in and scan this QR code.**



¹Eye-responsive defined as the consideration of two parameters in the design of the progressive lens: prescription & visual behavior. ² Essilor uses Artificial Intelligence to go beyond prescription and eye physiology to understand individuals' visual behavior using more than 1 million points of data from real wearers. ³ Varilux XR® series™ -in-life consumer study -Eurosyn-2022-France (n=73 high-end progressive lens wearers). ⁴ 66/73 perceived instant sharpness at all distances while in motion. ⁵ Based on achieving the highest composite score among premium Progressive designs of leading U.S. competitors on 14 attributes identified as important by a survey of U.S. consumers. Measurements were the result of Essilor R&D state of the art avatar simulations 2022. ⁶ Objects distances defined in a 3D environment as a function of gaze direction thanks to gaze lowering and accommodation exclusive models. ⁷ Essilor- Varilux®XR series™ -in-life consumer study -Eurosyn-2022 -France (n=73 progressive lens wearers). ⁸ Essilor- Varilux®XR series™ -in-life consumer study -Eurosyn-2022 -France (n=73 progressive lens wearers). ⁹ Essilor- Varilux®XR series™ -in-life consumer study -Eurosyn-2022 -France (n=73 progressive lens wearers; 69/73). In motion is defined as driving, walking, and biking. ¹⁰ Requires an Eye-Ruler™ 2 device to obtain measurement.



Shamir Glacier PLUS™—Now Available at Interstate Lab Group

ENHANCED ANTI-STATIC

REMARKABLY HYDROPHOBIC

INCREDIBLY EASY TO CLEAN

SUPERIOR VISUAL ACUITY

EXTREMELY DURABLE

Patient Features & Benefits

Shamir **Glacier PLUS™** repels water, dust, smudges, and is easier to clean than ever before!

It is an anti-reflective coating that utilizes advanced technologies to provide a cutting-edge, glare-reducing solution for your patients.

Available on all Shamir Freeform®



Reduce

- reflection
- glare
- color dispersion



Resist

- scratches
- static
- smears and smudges



Repel

- water
- dirt
- dust

Now at Interstate Lab Group!

	1.50 Hard Resin	1.53 Trivex	1.59 Poly	1.60	1.67
Clear	x	x	x	x	x
Transitions™	x	x	x	x	x
XTRActive®	x	x	x	x	x
Blue Zero™		x	x		x
Polarized	x	x	x	x	x



Meet The People Who Make Up the Interstate Team!



Alma Porter has been with Interstate Lab Group for seventeen years in our Ohio facility.

Alma is big asset to our team and finishing department. She has worked in dozens of positions throughout the lab, most recently as a team lead in our frame management area.

In her free time, Alma enjoys watching the Cleveland Guardians, traveling, and loves to spend as much time as possible outdoors.

We are happy to have Alma as a valued member of the Interstate Team!