

SKYVUE Advanced Lens Design Portfolio

Exclusively from SkyLab Optical Laboratory

A complete design portfolio engineered with the latest in lens optimization technology. When it comes to the quality of results your patients will experience, the sky is the limit with SkyLab's lens designs.

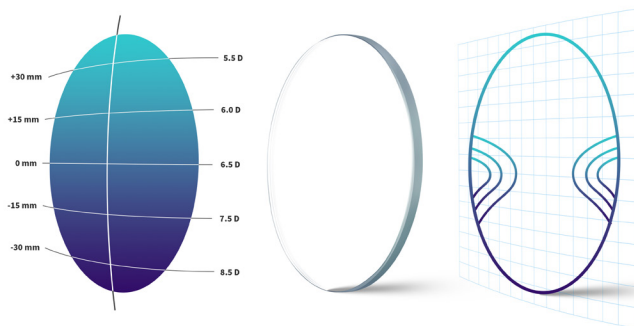
CUTTING-EDGE TECHNOLOGY



Camber™ Technology with IOT Intelligence

The Camber lens blank features a unique variable base curve, a front surface innovation that provides the optically ideal base curve for all viewing zones¹.

When combined with a full back surface design using **IOT Digital Ray-Path 2**, the finished Camber lens delivers an unbeatable visual experience: wide reading zones, improved peripheral vision, extended power range, more aesthetically pleasing lenses, and unmatched near vision performance.



Three components working in synergy – the Camber blank, the Camber design computation using IOT Digital Ray-Path 2, and full personalization parameters.



IOT Digital Ray-Path 2

IOT Digital Ray-Path 2 pushes the limits of geometry in lens personalization, by including the patient's own accommodative capacity in the lens calculation².

The lens design is optimized for a range of focal distances and oblique aberrations are minimized much more effectively.

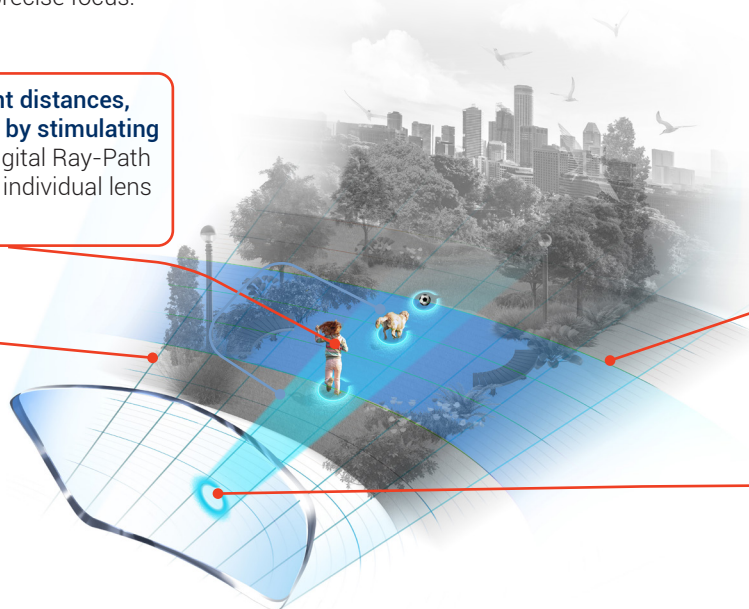
Lenses personalized with IOT Digital Ray-Path 2 have **virtually no full-field blur in any gaze direction**. They offer impeccable visual quality, greater comfort, and more precise focus.

A lens **wearer can focus on different distances, without moving their eyes or head, by stimulating or relaxing accommodation**. IOT Digital Ray-Path 2 incorporates this factor into each individual lens calculation.

Stimulated, more accommodation

Relaxed, less accommodation

Each point in the lens corresponds to a range of focal distances.

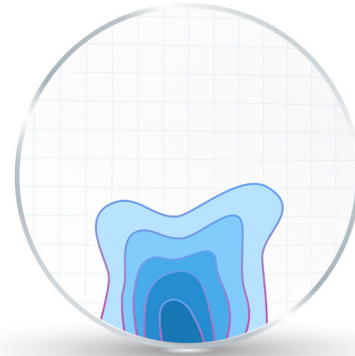




Steady Methodology

Steady Methodology is a technological breakthrough in free-form progressive lenses³.

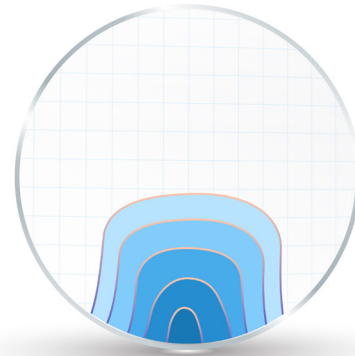
In addition to controlling for unwanted cylinder power, Steady Methodology addresses unwanted changes to mean power in the lateral areas of the lens. This provides **more stable and natural vision, with drastically reduced swim effect** and higher peripheral visual acuity, especially in the distance zone.



Steady Plus Methodology

Steady Plus Methodology, an improvement to Steady Methodology, provides progressive lens wearers with superior binocular visual performance for better intermediate and near vision.

It carefully balances the mean power required for these zones, achieving a perfectly symmetrical and smooth distribution. The patient will enjoy **a smoother visual experience** as both eyes perceive identical powers for each gaze direction.



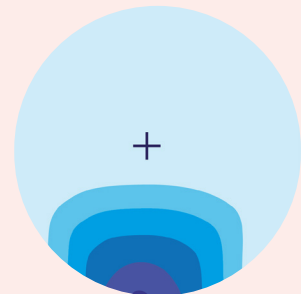
Distribution of spherical equivalent



Traditional progressive lens



Lens with Steady Methodology



Lens with Steady Plus Methodology

¹ US Patent US 8,042,941 B2 | ² US Patent US11609437B2 | ³ US Patent US 10330950

PROGRESSIVE LENSES

Progressive Lens Configurations

SKYVUE Camber, Ultimate and Everyday designs



Balanced – Recommended go-to for all PALs



Near Enhanced – Wider near area



Distance Enhanced – Wider distance area



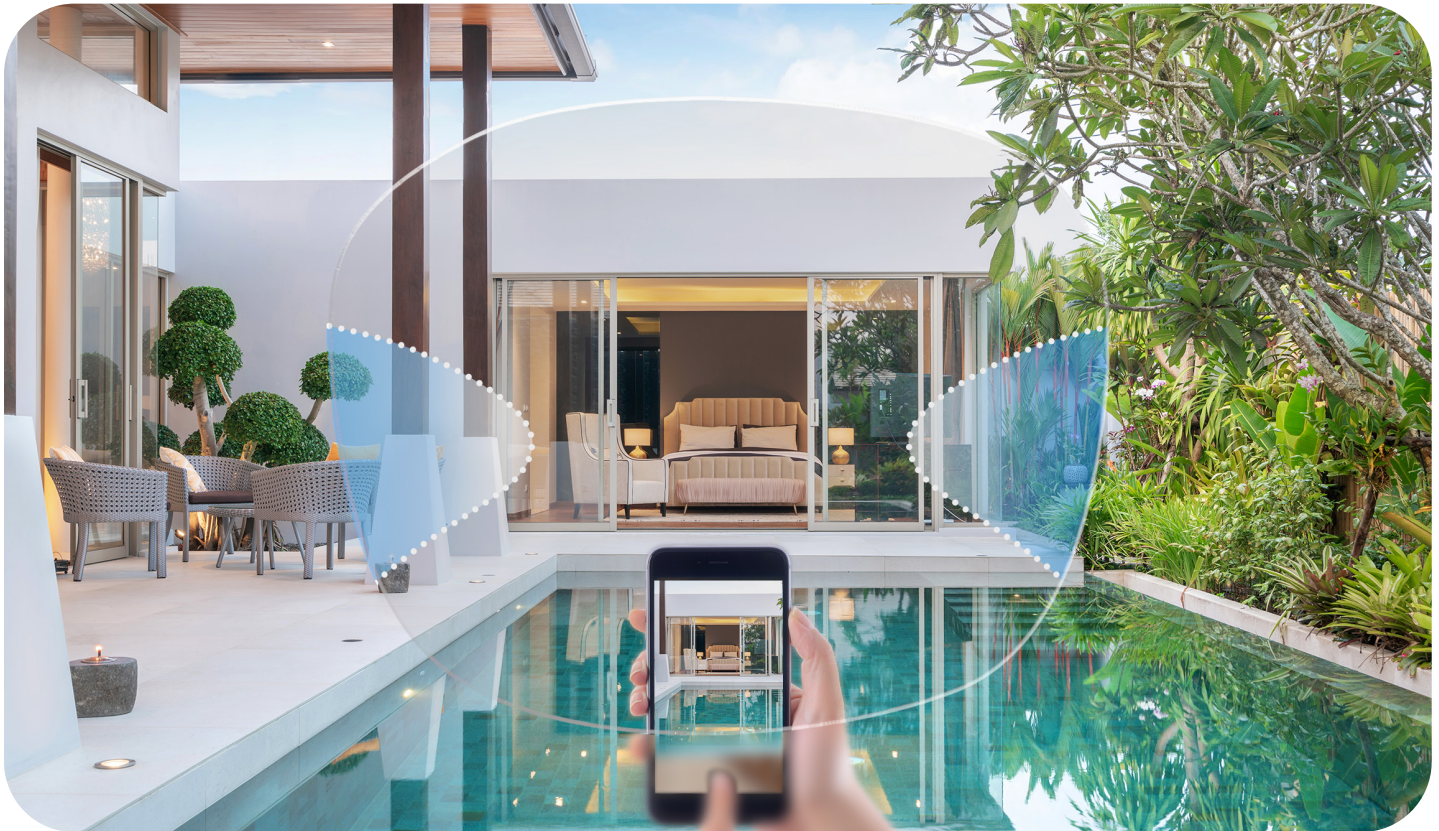
Intermediate Enhanced – Softer design with wider intermediate area

SKYVUE Camber Steady Plus Progressive

Our most advanced progressive lens

SKYVUE Camber Steady Plus is designed with **the most revolutionary IOT technologies** and is the flagship of our digital lens portfolio.

The Camber lens blank's variable base curve provides the **optically ideal front surface for each viewing distance**. The back-side design is fully personalized and compensated to deliver **maximum visual clarity and quality** for each individual wearer, offering stable and natural vision.



- ✓ Widest fields of view with better visual acuity in all zones
- ✓ Improved peripheral vision
- ✓ Near elimination of peripheral blur
- ✓ Spacious and easy-to-find reading area
- ✓ High image stability for drastically reduced swim effect
- ✓ Improved aesthetics in many prescriptions

Technologies



MFH 14mm | 15mm | 16mm | 17mm | & 18mm

Competitive designs

HOYA ID Lifestyle 3 & 4 Series | Essilor Varilux X Series



Ideal Wearer

Ideal for all progressive lens wearers, experts or beginners, looking for a **premium progressive lens that offers extended visual fields and minimal lateral distortion**.

It is especially suited for individuals whose high Rx warrants the maximized visual fields that only Camber can provide.

PROGRESSIVE LENSES

SKYVUE Ultimate Endless Steady Progressive

A fully personalized progressive lens with impeccable visual quality

SKYVUE Ultimate Endless Steady is an extremely versatile, world-class free-form progressive design.

It is a fully compensated and personalized lens, featuring some of the most advanced free-form technologies in the industry today. Wearers will enjoy **wider visual fields at all distances and in every direction of gaze.**



- ✓ Precise, comfortable focus for all working distances and directions
- ✓ Near elimination of peripheral blur
- ✓ Superior visual quality with digital devices
- ✓ Higher image stability for reduced swim effect
- ✓ Improved peripheral acuity in the distance zone

Technologies



MFH 14mm | 15mm | 16mm | 17mm | & 18mm

Competitive designs

ZEISS Digital Individual Series | HOYA Array 2 | Essilor Varilux Physio W3+ | Shamir Autograph II & III



Ideal Wearer

Suitable for virtually all patients no matter their visual needs. It is highly recommended for experienced PAL wearers who are looking for an all-purpose, comfortable progressive lens with wider visual fields at all distances.

NOW AVAILABLE

SKYVUE Ultimate Endless Steady EZ Progressive

A specially adapted progressive design that is very easy for patients to adapt to and extremely comfortable to wear.

This lens is engineered to be **forgiving of small errors in fitting height**, simplifying dispenser training and reducing re-dos. SKYVUE Ultimate Endless Steady EZ Progressive ensures great results every time.

SKYVUE Everyday Essential Steady Progressive

A non-compensated lens that stands out in its class

SKYVUE Everyday Essential Steady is a non-compensated digital progressive design, enhanced with Steady Methodology for **improved image stability and drastically reduced "swim effect"**. It offers good viewing zones with improved peripheral acuity, especially in the distance zone.



- ✓ Higher image stability for reduced swim effect
- ✓ Improved peripheral acuity in the distance zone

Technologies



MFH 14mm | 15mm | 16mm | 17mm | & 18mm

Competitive designs

ZEISS Precision Pure & Plus | HOYA Summit ecp & CD iQ
HOYALUX Array | ESSILOR Varilux Comfort & Comfort Max W2+
Essilor Varilux Physio Enhanced | Shamir Spectrum+.



Ideal Wearer

Recommended for experienced PAL wearers who are looking for an all-purpose, comfortable progressive lens. Ideally suited for lower prescriptions or part-time eyeglass wearers.

SKYVUE Classic Basic Progressive

SKYVUE Classic/Basic is an entry level digital progressive lens offered at a true value and economical price point.



- ✓ Balanced design for everyday wear
- ✓ Variable inset for improved binocular vision and wider near area

MFH 16mm



Ideal Wearer

This lens provides a non-compensated balanced design that is **an affordable digital solution** for wearers who simply require good and comfortable visual fields. This lens is the perfect solution for price-conscious patients, insurance programs and price promotions. It is geared towards those working within a strict budget.

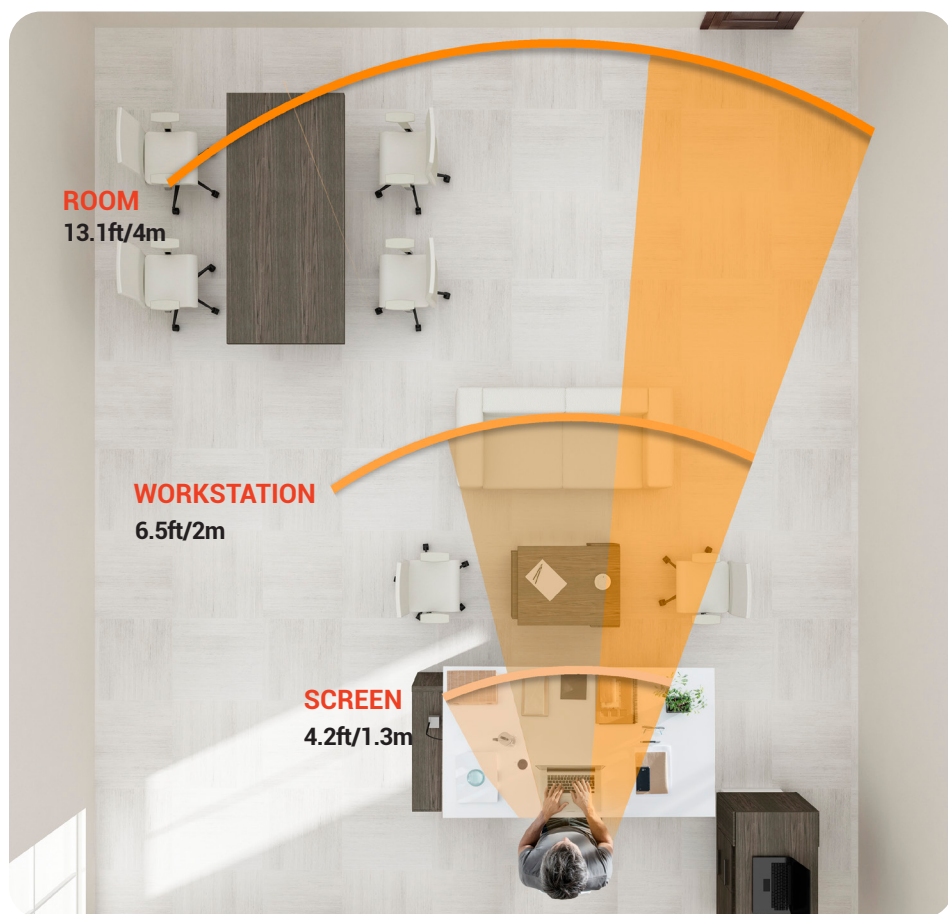
PROGRESSIVE LENSES

SKYVUE Endless Office Occupational

The best lens for desk and screen-based tasks

SKYVUE Endless Office Occupational is a specialty freeform degressive that delivers **maximum visual clarity in the intermediate and near zones**.

This lens offers seamless clear vision of the wearer's immediate work environment, with smooth transitions from screen to keyboard, mouse or notebook. The wide intermediate zone ensures **good postural ergonomics**, avoiding unnecessary head movements.



Available in 3 focal lengths:

SCREEN

Clear vision from 14 in. to 4.2 ft.

Perfect for. Wearers who spend most of their time focusing on nearby objects; on a desk or close at hand, especially a computer.

WORKSTATION

Most Popular

Clear vision from 14 in. to 6.5 ft. .

Perfect for. Wearers who need excellent desk-level vision and engage with people at a conversational distance.

ROOM

Clear vision from 14 in. to 13.1 ft.

Perfect for. Wearers moving around a larger workspace who would benefit from additional distance viewing.

- ✓ Comfortable and precise focusing, especially when using electronic devices
- ✓ Excellent dynamic vision, easy transition between near and intermediate visual fields
- ✓ Precise and comfortable focus for all working distances in any direction of gaze
- ✓ Near elimination of peripheral blur

Technologies



MFH 14mm & 18mm

Competitive designs

OfficeLens Series | Tact | Computer Office Lens.



Ideal Wearer

These lenses are ideal for **mid-age professionals** who spend a lot of time using digital devices, or other equipment at arm's length, including office workers, teachers, doctors, dentists, chefs, and similar occupations.

SKYVUE Endless Sport

Panoramic distance vision for outdoor activities

SKYVUE Endless Sport is a personalized progressive lens offering a 180° panoramic distance field and superb dynamic vision, ideal for sports and outdoor activities. Fully compensated for high-definition vision even in wrapped frames.



Technologies



MFH 16mm & 18mm

SKYVUE Endless Pilot/Mechanic

Innovative design featuring two near-vision zones

SKYVUE Endless Pilot/Mechanic is a personalized progressive lens offering a second zone of near-intermediate vision above the main direction of gaze. A specialist design ideal for pilots, engineers, mechanics and similar occupations.



Technologies



MFH 16mm & 18mm

SKYVUE Endless Drive GP

A progressive lens designed for driving

SKYVUE Endless Drive GP is a personalized progressive lens specifically adapted for driving, providing optimized views of the road, dashboard and mirrors. Features a night vision zone that compensates for the effects of night myopia.



MFH 16mm & 18mm

Technologies



Competitive designs

Zeiss DriveSafe | HOYA EnRoute
Essilor Varilux Road Pilot

SKYVUE Endless Bifocal

Seamless digital bifocal lens

SKYVUE Endless Bifocal is a personalized digital bifocal lens with **generous fields of view** for near and distance vision and a **virtually invisible segment line**. Choice of round or wide segments.



Technologies



MFH 14mm

SINGLE VISION LENSES

SKYVUE Endless Digital HD Single Vision

Impeccable visual quality from center to edge

SKYVUE Endless Digital HD SV is a fully personalized free-form single vision lens, delivering **high-definition vision from the center to the edge of the lens**. Its advanced design provides unparalleled clarity and comfort, and is especially beneficial for high minus and plus prescriptions and sport wraps.



Technologies



- ✓ Impeccable visual quality, especially for high prescriptions and wrapped frames
- ✓ Comfortable and accurate focusing, at all distances
- ✓ Near elimination of peripheral blur
- ✓ Superior visual quality for viewing digital devices

Competitive designs

Zeiss Individual SV | HOYA ID & iQ SV | Essilor 360 SV

SKYVUE Level-Up Anti-Fatigue Single Vision

Combats the symptoms of visual fatigue

SKYVUE Level-Up Anti-Fatigue SV is a fully personalized free-form single vision lens with a customizable near vision boost. This advanced design **reduces visual fatigue by requiring less accommodative effort** and is intended to significantly **improve reading speed on digital devices**. Ideal for single vision wearers aged 18-45 experiencing symptoms of eyestrain.



Technologies



MFH 16mm & 18mm

- ✓ More relaxed vision with less accommodative effort
- ✓ Precise and comfortable focus for all working distances and directions of gaze
- ✓ Excellent distance and peripheral vision
- ✓ Faster reading speed on digital devices

Competitive designs

HOYA Sync 5/8 | KODAK Anti-Fatigue | Essilor Eyezen Shamir Relax

Available in 0.50 D, 0.75 D and 1.00 D additions.

SKYVUE Endless Drive SV Single vision lens adapted for driving

SKYVUE Endless Drive SV is a personalized free-form single vision lens with an added **night vision zone** for superb comfort and clarity in all driving conditions.

Technologies



NEOCHROMES

NEOCHROMES IS A LINE OF **STATE-OF-THE-ART PHOTOCROMIC LENSES** OFFERING OPTIMAL VISION AND MAXIMUM COMFORT IN ANY LIGHT.

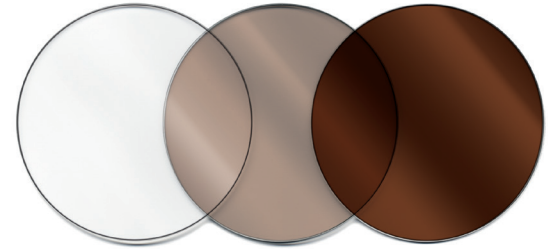
Their cutting-edge technology, built on exclusive dyes, ensures **exceptional performance, quality, and reliability**. Neochromes lenses react instantly to changes in light, darkening in seconds and returning to clear in **just a few minutes**.

WHAT MAKES NEOCHROMES THE LEADING GLOBAL INDEPENDENT PHOTOCROMIC BRAND?

- **Exceptional clarity**
- **Superb darkening**, blocking 90% or more light in the activated state*
- **Fast activation and fadeback**
- **100% UV protection**
- **Excellent blue light filtering**
- **Wide material availability**, with great consistency across all materials
- **Extra-dark and Camber lens options**

*Measurements at 23°C.

THEY DARKEN
IN SECONDS



THEY LIGHTEN
IN 2 MINUTES

T1/2f measured at 555 nm and 23 °C

CHOOSE THE RIGHT NEOCHROMES LENS FOR EVERY PATIENT

NEOCHROMES



Light-sensitive lenses that change with you

Premium photochromic lens, ideal for the majority of patients.

NEOCHROMES DARK



Extra-dark lenses with best-in-class fadeback time

Especially suitable for **light-sensitive** patients or those who spend a lot of time outdoors in **bright sunlight or hot climates**.

NEOCHROMES CAMBER



Light-sensitive lenses with the best optical quality

Deliver **the best optical quality for presbyopic patients** through a variable base curve that delivers optimum power in all zones of the lens.

NEOCHROMES FT-28



Premium bifocal light-sensitive lenses

A high-value photochromic lens for patients who prefer bifocals.

AVAILABILITY

Colors: Gray and Brown

Materials:

Neochromes	Plastic 1.50, Trivex, polycarbonate, hi-index 1.60 and 1.67
Neochromes with Camber Technology	Polycarbonate HC, hi-index 1.60 and 1.67 UC
Neochromes FT-28	Polycarbonate
Neochromes Dark	Plastic 1.50, polycarbonate, hi-index 1.67

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