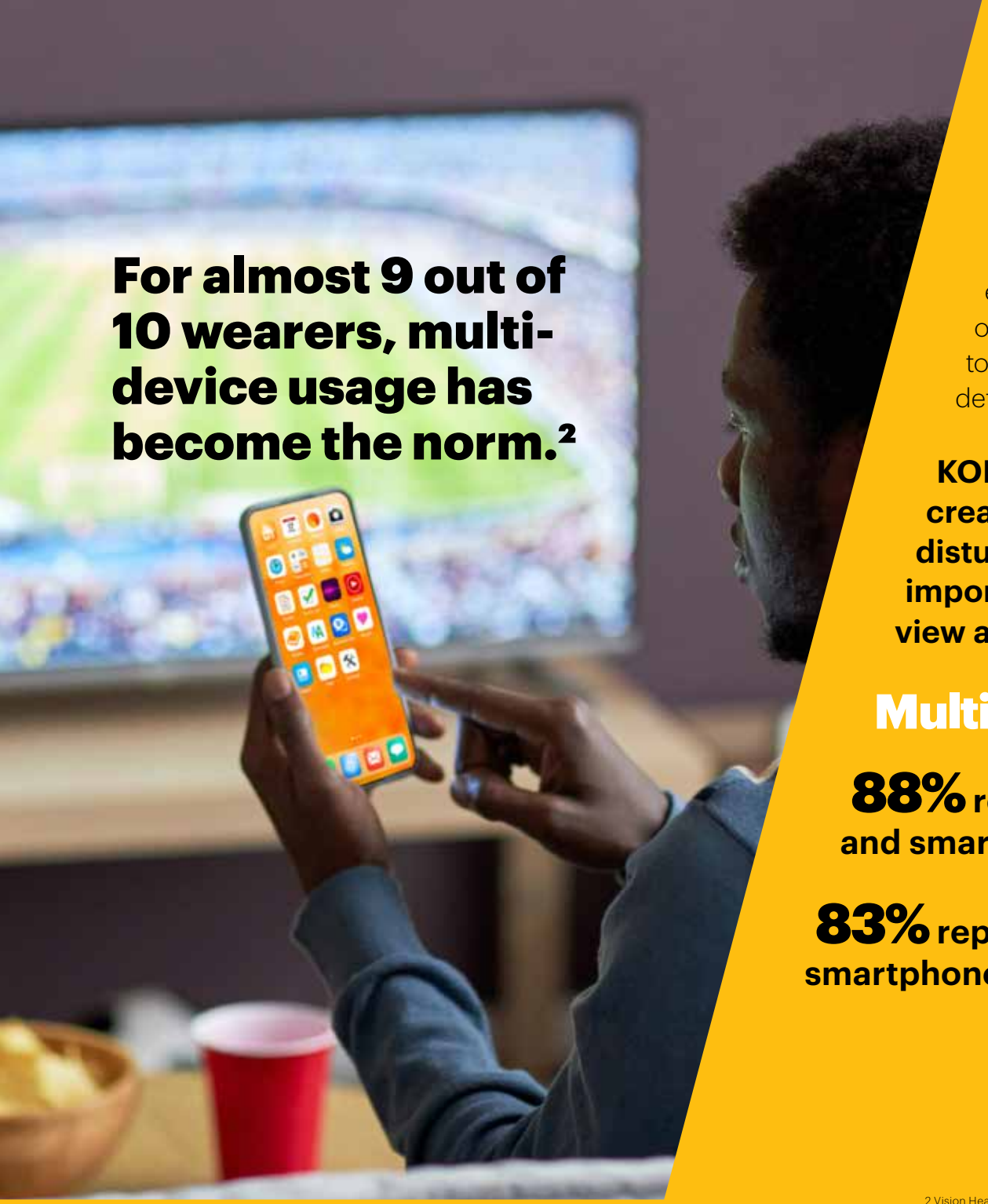
KODAK Unique Infinite Lens

See life’s infinite possibilities



For almost 9 out of 10 wearers, multi-device usage has become the norm.[2]

We are exposed to millions of visual stimuli every day[1]; from the environment, people and our digital devices. It can be hard for our eyes to prioritize what images we see with the sharp detail needed.

KODAK Unique Infinite Lens was created to help break through the visual disturbance and better see what is important, clearly, allowing the wearer to view all of life's experiences in comfort.

Multi-Device Usage

88% report use of stationary TV screen and smartphone[2]

83% report use of computer/tablet and smartphone[2]

1 Human Eye FPS: How Much Can We See and Process Visually? (healthline.com)
2 Vision Health: What Has Covid Changed?, EssilorLuxottica Vision Care Consumer & Market Insights, November 2023.

Active vision lifestyles require dynamic solutions

Keeping up with an active vision lifestyle requires a progressive lens that can help dynamically switch between the various viewing zones while minimizing visual discomfort.

This image simulates the viewing distances while wearing KODAK Unique Infinite Lens.

The improved performance of KODAK Unique Infinite Lens is based on two new technologies:

1 Vision First Infinite™

State-of-The-Art Progressive Design Technology

Our lens designers were challenged to create a new progressive lens design that would improve the intermediate viewing area without compromising distance or near vision.

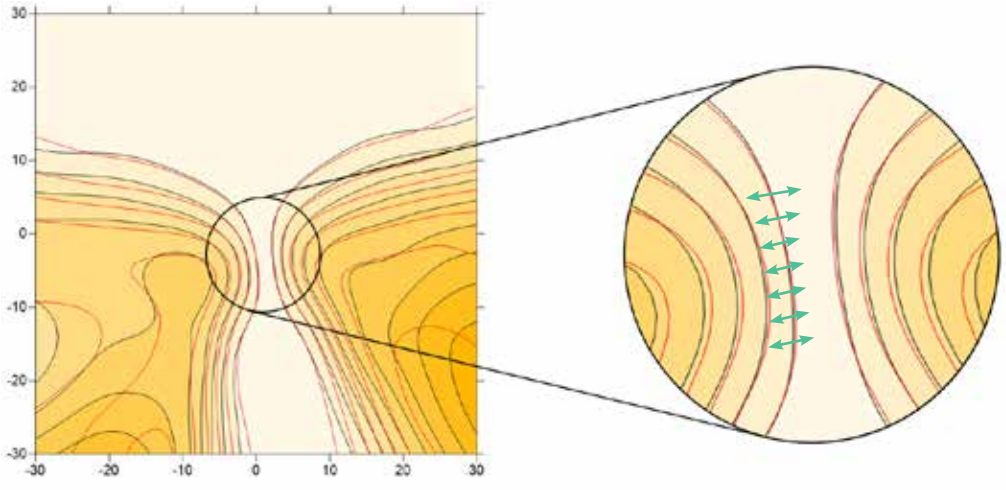
To meet this challenge, they developed **Vision First Infinite**, a design platform expediting the development process through genetic algorithms and neural networks. This computer-powered approach efficiently iterates over the different parameter combinations. The result is a system that can test multiple lens design options in months rather than years.

Vision First Infinite Features:

Expedites the lens design process with the use of genetic algorithms and neural networks

Efficiently explores specific design parameters to create enhanced lens designs

Huge amounts of data and a vast number of designs were reviewed and rejected until our lens engineers refined the selection criteria to create the brand-new KODAK Unique Infinite Lens.



By increasing the effective intermediate zone without compromising either the distance or near vision zones, the wearer has a more enjoyable viewing experience.

Each of the 60 design parameters used to define a progressive surface could have up to 20 suitable values that are determined and tested by our designers.

With Vision First Infinite, an exponential amount of potential progressive lens designs can be tested to meet the goal of improved performance with little compromise.

16% improvement in the minimum intermediate width, while maintaining a wide reading zone.[3]

3 Internal R&D simulations – 2023. Comparison of KODAK Unique Infinite Lens vs. KODAK Unique DRO Lens with a prescription of plano distance, 2.00D Add. Measured Intermediate Pinch Point Width and Reading Area Size. Data on file.

2 Dynamic Viewing Stabilization™

Our daily lives are full of situations where you are focusing on a task at various distances while being alert of activities in your peripheral vision. **Dynamic Viewing Stabilization** improves vision performance and increases comfort in these dynamic viewing situations.

KODAK Unique Infinite Lens

The most outstanding performing lens design in the KODAK Progressive Lens Portfolio*

*vs. KODAK Unique DRO Lens

Decreases distortion in the peripheral zones of the lens

Increases wearer comfort by reducing the ‘swim effect’

The mean power represents the average power as well as the varying power throughout the lens. Too much variation in the mean power of the lens causes unwanted waviness in the peripheral zones of the lens, contributing to what is often described as the 'swim effect.' A smooth distribution of mean power was first introduced into KODAK Lens Progressive Designs with the use of Vision First Design™ technology.

Dynamic Viewing Stabilization builds on the principle of Vision First Design by focusing specifically on the mean power variations in the peripheral zones of the lens. The variation of mean power across the peripheral zones is mean rebound. By concentrating on mean rebound to reduce variation in power, wearers experience greater stability in viewing surroundings while on the move.

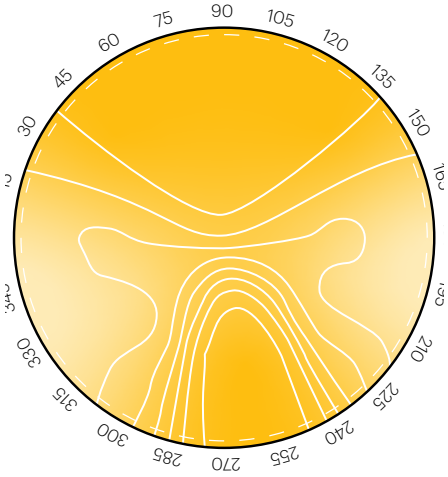
KODAK Unique Infinite Lens design also includes:

Dynamic Reading Optimization® (DRO) - Enriching and enhancing the reading zone

i-Sync® - Reducing off-axis aberrations

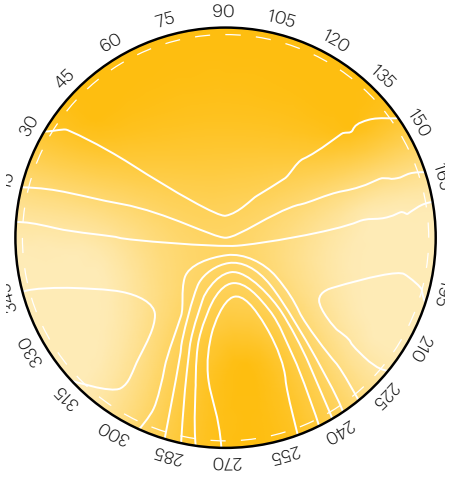
KODAK Unique DRO Lens

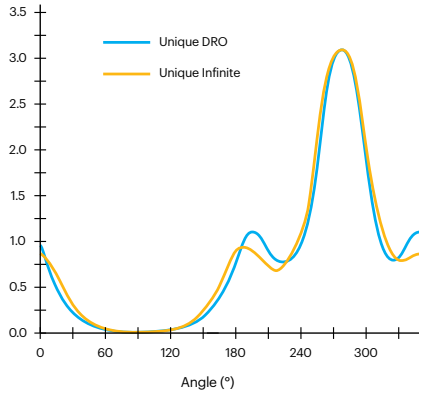
MEAN POWER



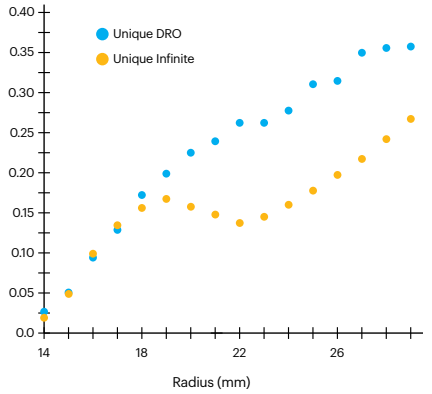
KODAK Unique Infinite Lens

MEAN POWER





Rebound Height Comparison



Average Rebound Height Comparison

33% reduction in the Mean Rebound[4]

By reducing the Mean Rebound in KODAK Unique Infinite Lens, wearers experience less visual disturbance.

4 Internal R&D simulations – 2023. Comparison of KODAK Unique Infinite Lens and KODAK Unique DRO Lens on mean rebound measurements. Comparison with a prescription of plano distance, 3.00D Add. Data on file.

Independent Wearers Study

We commissioned the Ulster University's Centre for Optometry and Vision Science to evaluate the reception of KODAK Unique Infinite Lenses.

Presbyopic patients were recruited for a randomized cross-over trial, where both participants and researchers were blind to the type of lens worn.

The study had participants wear KODAK Unique Infinite Lens and our current best design, KODAK Unique DRO Lens, for two weeks consecutively, to review how they performed in general, as well as specific visual activities.

Visual Zones and Activities

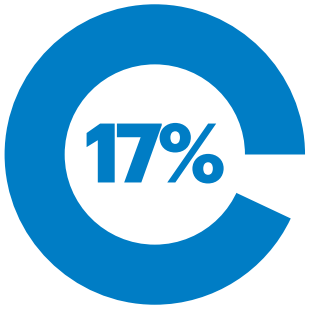
DISTANCE
Viewing vistas and signs in the distance - Watching TV

INTERMEDIATE
Changing viewing zones from distance to near - Working on a computer

NEAR
Reading a book, magazine, newspaper or mobile phone

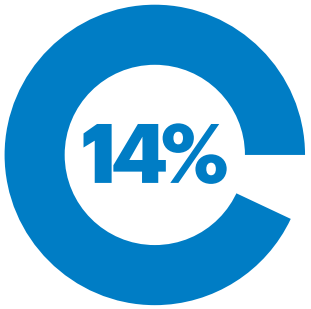
DYNAMIC
Walking up and down stairs - Side vision when looking around and moving your head

While participants reported improvement in the distance and reading zones, the main increases in performance were seen in intermediate and dynamic viewing situations.



17% increase in intermediate vision satisfaction[5]

Intermediate Vision Satisfaction:
Rating based on performing viewing tasks in the intermediate area such as a computer screen.



14% increase in dynamic vision satisfaction[6]

Dynamic Vision Satisfaction:
Rating based on performing dynamic viewing tasks such as walking up and down stairs and other tasks that involve head movements and transition between different vision areas.

5 Wearer Trial conducted by Ulster University, UK, 2023.
Comparison of KODAK Unique Infinite Lens and KODAK Unique DRO Lens while performing intermediate viewing tasks, n=53. Data on file.

6 Wearer Trial conducted by Ulster University, UK, 2023.
Comparison of KODAK Unique Infinite Lens and KODAK Unique DRO Lens while performing dynamic viewing tasks, n=53. Data on file.

KODAK
Unique Infinite HD Lens

Customize Lenses To Give A High-Definition Experience

Adaptive Design is the ability to adjust a progressive lens design based on Point-of-Wear measurements to more highly adapt the lens to the individual patient's viewing needs.

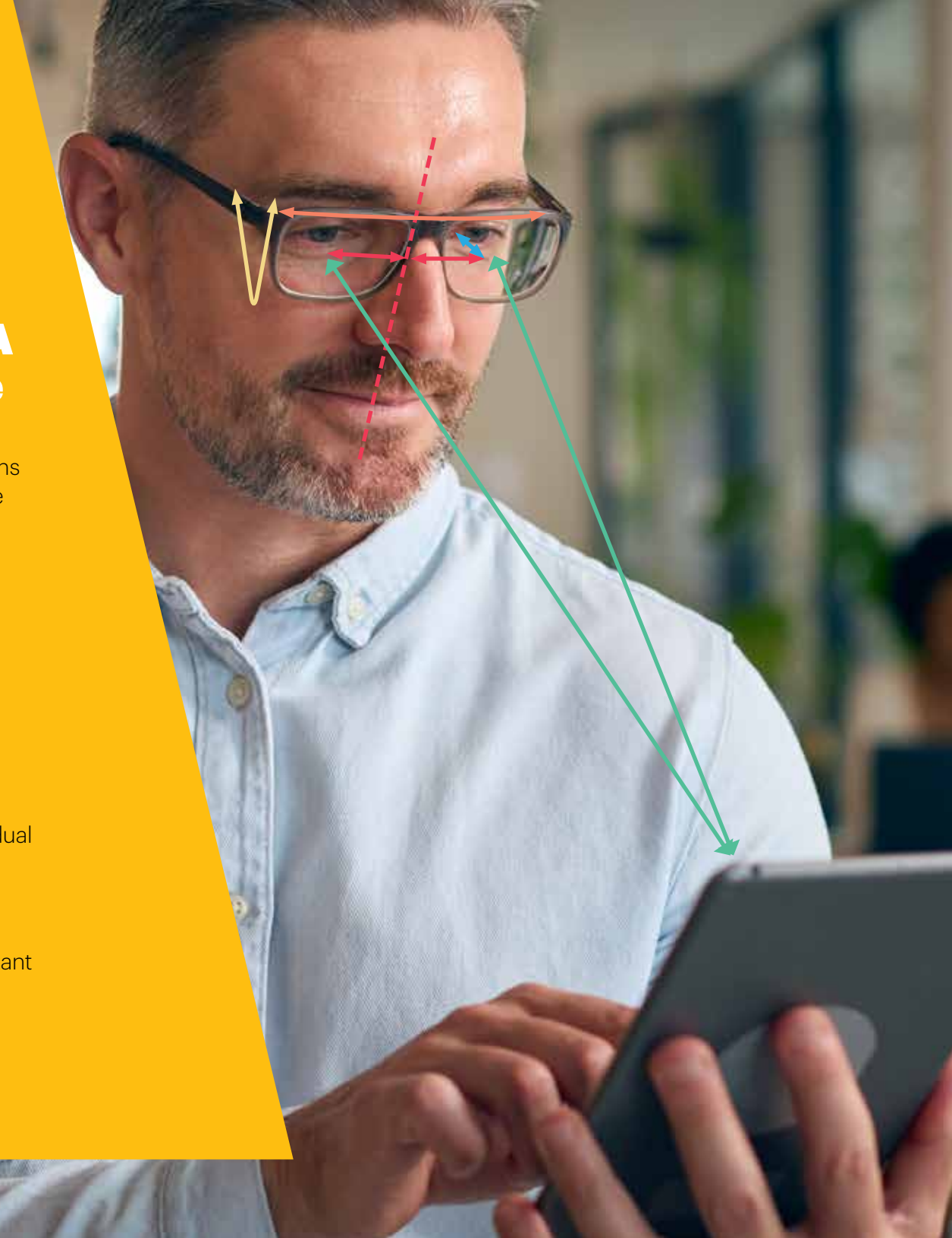
KODAK Unique Infinite HD Lens design also includes:

Prescription Compensation

A frame's ergonomics can impact the viewing experience. Prescription Compensation ensures the prescription is adapted to both the wrap angle of the frames as well as the frame-wearing style of the individual patient.

Variable Inset

Reading habits of the individual patient are also important in creating a comfortable wearing experience for the individual patient. The variable inset pinpoints the optimum reading area for the patient.



Back Vertex Distance (BVD)

Slight modifications will be needed based on how close or far the wearer's eyes are to the back lens surface. A proper vertex distance allows the wearer the full benefit of width of the lens corridor.

Pantoscopic Tilt

The angle at which the lens aligns with the wearer will determine the necessary compensation needed to position the correct prescribed power in front of the eye.

Wrap Angle

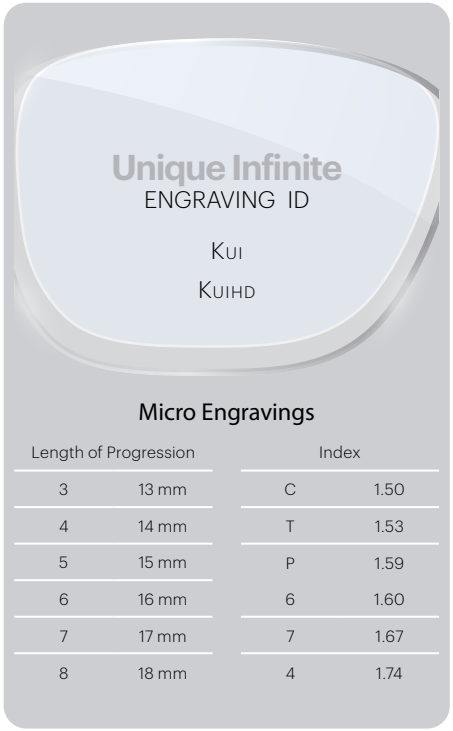
The curve of the frame may introduce significant reduction in viewing through the correct prescribed power and that the optical centers will need to be readjusted.

Monocular PD

Measurement from the point where the line of sight intersects the lens to the center of the bridge of the frame. Even if the nose is symmetrical and centered, the wearer's eyes may not be equidistant.

Near Reading Distance

The comfortable distance to read text.

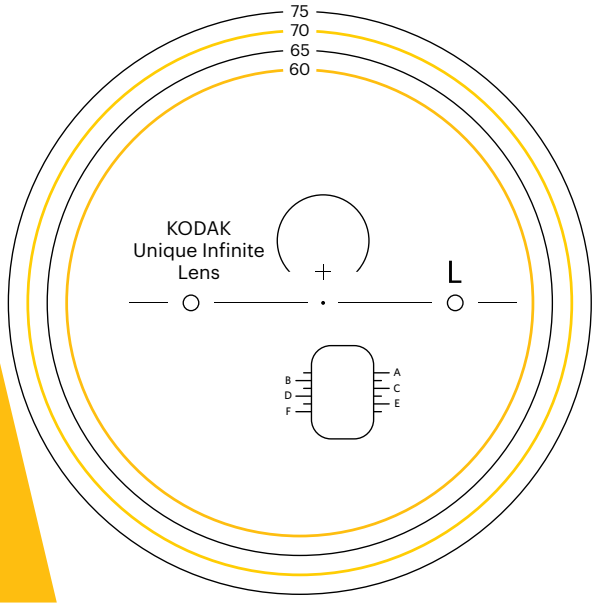


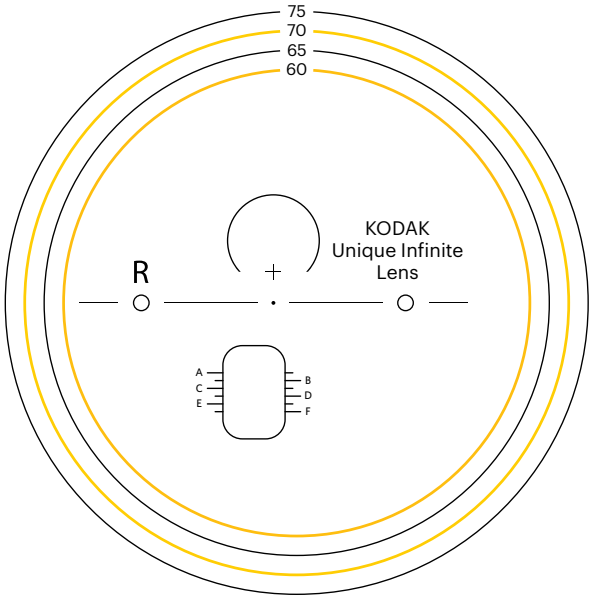
Micro Engravings

Length of Progression		Index	
3	13 mm	C	1.50
4	14 mm	T	1.53
5	15 mm	P	1.59
6	16 mm	6	1.60
7	17 mm	7	1.67
8	18 mm	4	1.74

Addition:	**0.75 to 3.50**
Minimum Fitting Height:	**13 mm**
Corridor Length:	**13-18 mm Auto Select**
Minimum Distance to Top Rim:	**9 mm**
Fitting Cross above Prism Reference Point:	**4 mm**
De-centered	**3 mm/Variable**

Availability	1.50	1.53	1.59	1.60	1.67	1.74
Clear	✓	✓	✓	✓	✓	✓
KODAK UVBlue	✓		✓		✓	
Polarized	✓	✓	✓	✓	✓	✓
Transitions® Gen S™	✓	✓	✓	✓	✓	✓
Transitions® XTRActive®	✓	✓	✓		✓	
KODAK Total Blue			✓		✓	✓





KODAK Unique Infinite Lens Features		
	Standard	HD
Vision First Infinite	✓	✓
Dynamic Vision Stabilization	✓	✓
Dynamic Reading Optimization	✓	✓
i-Sync	✓	✓
Prescription Compensation		✓
Variable Inset*	✓	✓

*Requires reading distance measurement

KODAK Lens

For product information, dispensing and patient materials call 800.830.3995 or visit:

www.KodakLens.us/pro | www.SALitOnline.com