OPTIMUM RESOLUTION THANKS TO DIGITAL RAY-PATH® TECHNOLOGY

Digital Ray-Path® is an innovative calculation technique that uses a design engine to compensate the lens with a simulation of the binocular eye-lens system. Every unique lens is individually calculated guaranteeing an adapted solution for any prescription and base curve.

Ultimate N
progressive design

NON-PERSONALIZED PROGRESSIVE LENS

FULLY PERSONALIZED PROGRESSIVE LENS

OPTIONS

MINIMUM FITTING HEIGHTS AVAILABLE
Ultimate N is available in 5 minimum fitting heights:

MFH 14	Minimum Fitting Height 14 mm
MFH 15	Minimum Fitting Height 15 mm
MFH 16	Minimum Fitting Height 16 mm
MFH 17	Minimum Fitting Height 17 mm
MFH 18	Minimum Fitting Height 18 mm

CUSTOMIZATION FOR CURVED FRAMES
For wrap frames, 100% personalization can be achieved by measuring the tilt of the lens.

A fully personalized progressive lens

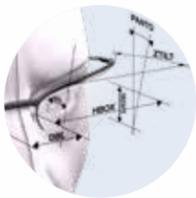that offers an **extremely wide near visual field**

iot

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iot

DIGITAL RAY-PATH®
Powered by ®

Ultimate N
progressive design

Fully **personalized progressive** lens, enhanced for **reading**.

PERSONALIZATION FOR EASY ADAPTATION AND VISUAL COMFORT

Each lens is individually produced taking into consideration the parameters unique to every individual's face and frame combination. **Personalization is especially important for sport frames** to reduce the aberrations induced by the tilt position and curvature of the lens.

PERSONALIZATION PARAMETERS

It is essential to include **all personalization parameters** (described on the right page) **unique to each wearer's prescription data** when ordering an Ultimate N lens.

## A PREMIUM NEAR VISION PERSONALIZED PROGRESSIVE LENS

The Ultimate N near visual field initiates a fast progression to provide wearers with a **generous zone for reading without having to constantly move their heads**. As a result, the near vision behavior of the Ultimate N lens is highly recommended for wearers that demand better near vision.

ULTIMATE N
DESIGN OVERVIEW

The Ultimate N is a progressive lens developed to **improve vision when reading**, combined with wide, clear intermediate and distance visual fields. The main goal of this design is to enlarge the area devoted for near vision as much as possible, allowing the Ultimate N design to offer an **extremely wide reading zone**. The distance field of the lens behaves similar to a balanced design, making distance vision comfortable and easy to reach. Peripheral vision is sharp due to the design compensation based on the wearer's measured parameters.

CYLINDER POWER MAP

DESIGN PERFORMANCE

Far — Comfort — Near — Adaptation
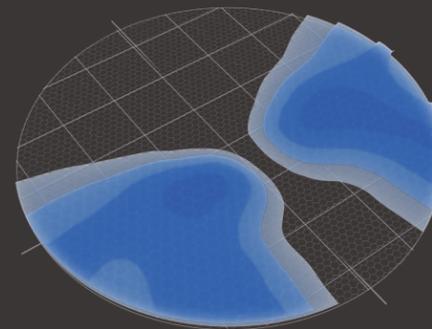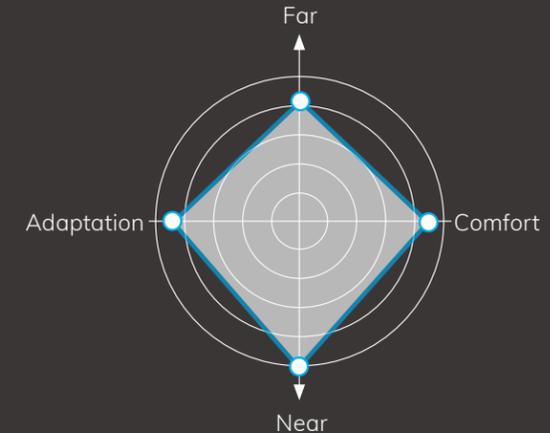
PERSONALIZATION PARAMETERS

PRESCRIPTION & ADDITION
Digital Ray-Path® calculates and uses the accurate power that the user will truly perceive once the lenses are fitted on the frame.

NASOPUPILAR DISTANCE
The distance from the axis of symmetry of the face to the center of the pupil.

PUPILAR HEIGHTS
The vertical distance between the pupil center and the deepest part of the lens shape.

FRAME DIMENSIONS
Frame dimensions are used to calculate the final diameter, thickness of the lens and improve the efficiency of the optimization.
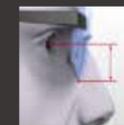
PANTOSCOPIC ANGLE
This is the angle in the vertical plane between the optical axis of a spectacle lens and the visual axis of the eye in primary position.

WRAP ANGLE
The frame curvature.

BACK VERTEX DISTANCE
The distance between the cornea and the back surface of the lens.

NEAR WORKING DISTANCE
The distance from the lens to the typical reading position for the wearer.

Digital lens

Fully personalized

Digital Ray-Path®

Near vision enhanced

Multiple corridor

Short corridor available

Variable Inset

Wrap available