

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.



NON-PERSONALIZED PROGRESSIVE LENS



FULLY PERSONALIZED PROGRESSIVE LENS



OPTIONS

MINIMUM FITTING HEIGHTS AVAILABLE

Ultimate XS is available in 4 minimum fitting heights:

MFH 10	Minimum Fitting Height 10 mm
MFH 11	Minimum Fitting Height 11 mm
MFH 12	Minimum Fitting Height 12 mm
MFH 13	Minimum Fitting Height 13 mm

Note: Ultimate XS should only be used when the frame is very small and requires a short progression.



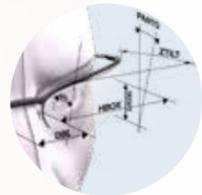
A fully personalized short progressive lens perfect for **small fashion frames**



www.iotamerica.com / www.digitalray-path.com
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Digital Ray-Path is a registered trademark of Indizen Optical Technologies.



Fully **personalized progressive** lens,
ideal for **small frames**.



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 XS lens.



NATURAL POSTURE

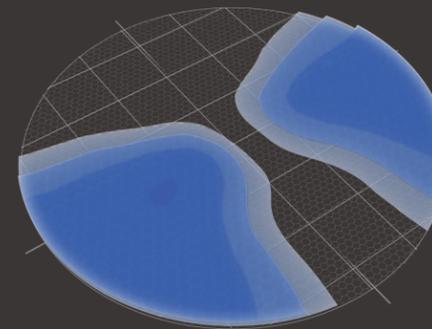
The near vision zone is naturally found when compared to other progressive lens designs. This allows wearers to reach the near vision in a **natural, comfortable posture** with an easy and quick change from distance to near vision.



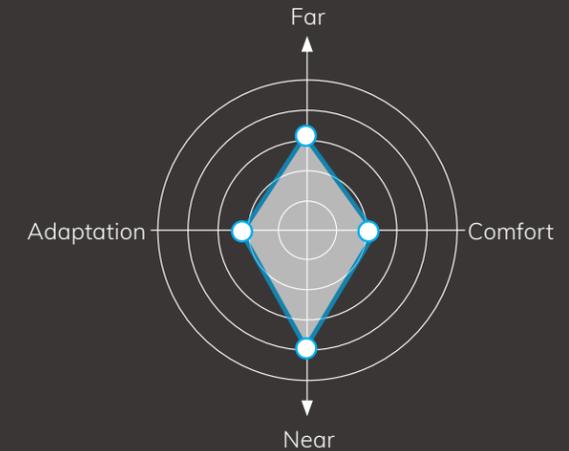
ULTIMATE XS DESIGN OVERVIEW

The Ultimate XS design is a personalized progressive lens developed for very small fashion frames. The perfect balance allows any patient to wear lenses comfortably and with ease. The transition between distance and near vision is fast, which **minimizes eye movements** when looking from one distance to the other. These cutting-edge advancements in ophthalmic lenses have produced a lens that offers the **shortest progression on the market**.

CYLINDER POWER MAP



DESIGN PERFORMANCE



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.



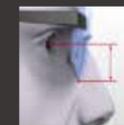
PANTOSCOPIC ANGLE
This is the angle in the vertical plane between the optical axis of a spectacle lens and the visual axis of the eye in primary position.



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



WRAP ANGLE
The frame curvature.



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



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



FRAME DIMENSIONS
Frame dimensions are used to calculate the final diameter, thickness of the lens and improve the efficiency of the optimization.



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



Digital lens



Fully personalized



Digital Ray-Path®



Balanced design



Multiple corridor



Short corridor available



Variable Inset