

### 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 D is available in 5 minimum fitting heights:

<b>MFH 14</b>	Minimum Fitting Height 14 mm
<b>MFH 15</b>	Minimum Fitting Height 15 mm
<b>MFH 16</b>	Minimum Fitting Height 16 mm
<b>MFH 17</b>	Minimum Fitting Height 17 mm
<b>MFH 18</b>	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 distance visual field**

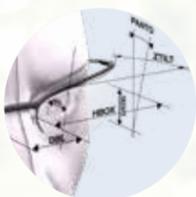


[www.iotamerica.com](http://www.iotamerica.com) / [www.digitalray-path.com](http://www.digitalray-path.com)  
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Digital Ray-Path is a registered trademark of Indizen Optical Technologies.



Fully **personalized progressive** lens,  
enhanced for **distance vision**.



**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.



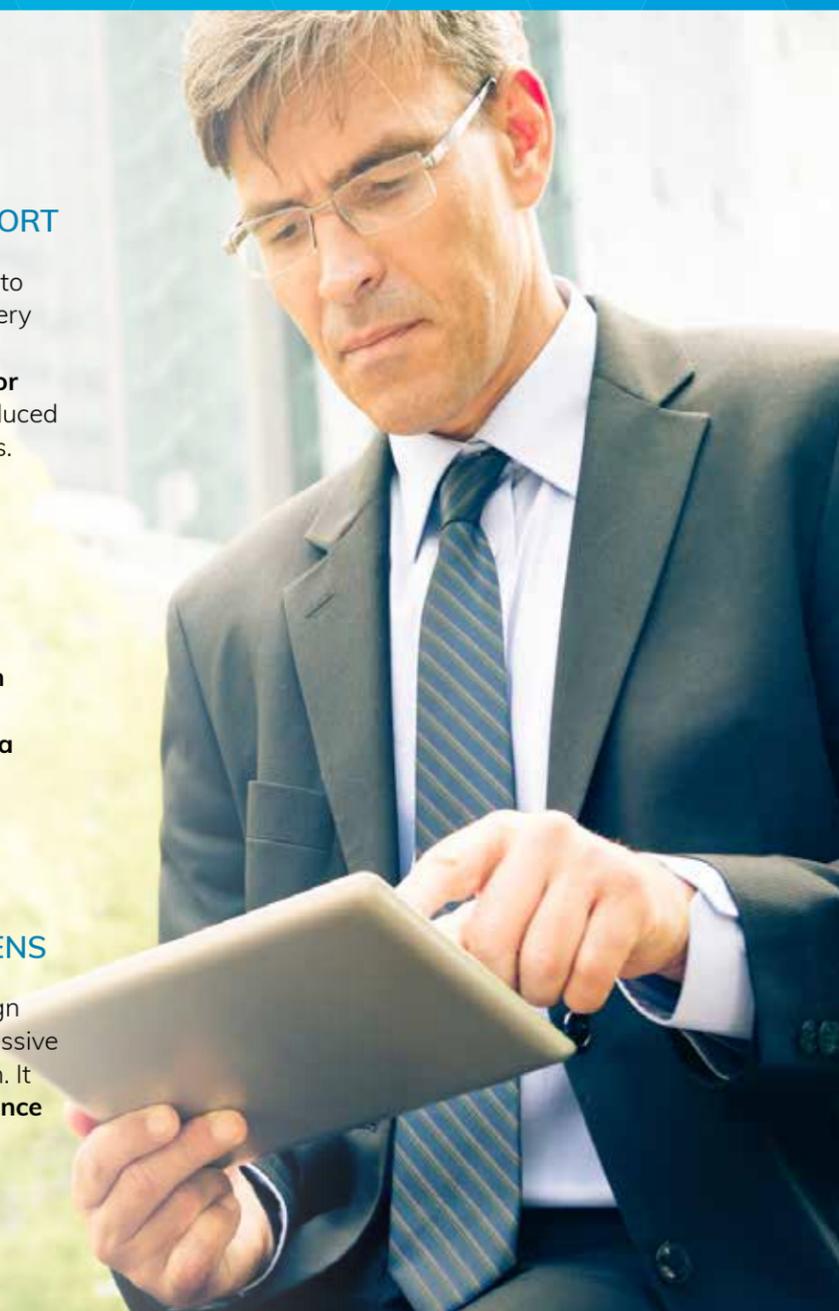
**PERSONALIZATION PARAMETERS**

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



**A PREMIUM DISTANCE VISION PERSONALIZED PROGRESSIVE LENS**

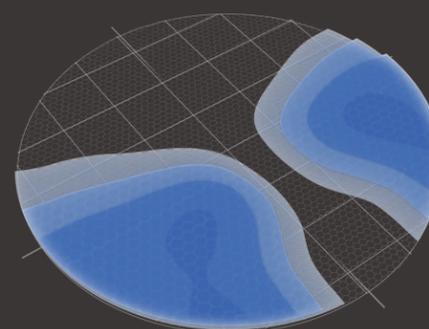
The Ultimate D is a fully personalized design specially developed for experienced progressive wearers who want the best distance vision. It offers **panoramic high performance distance vision** for traveling or enjoying landscapes.



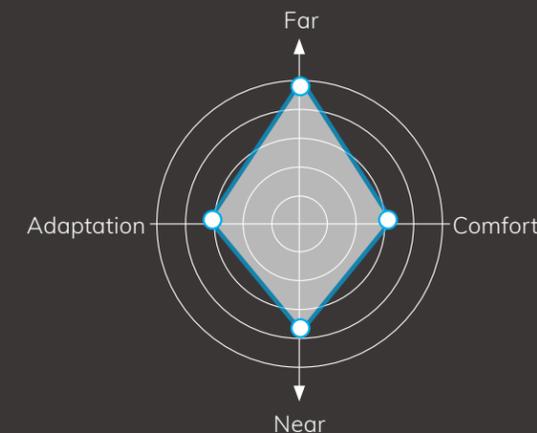
**ULTIMATE D**  
DESIGN OVERVIEW

The Ultimate D lens is a **fully personalized progressive lens** ideal for patients who need superior distance vision. Its exclusive power distribution has been designed to offer a **panoramic distance vision**. In addition, oblique aberration is minimized point-by-point due to the personalization process, which results in the final wearer's perception with **maximum clarity of vision from center to edge**.

**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®



Distance vision enhanced



Multiple corridor



Short corridor available



Variable Inset



Wrap available