



# LENS TECHNOLOGY



## VARILUX® LENS TECHNOLOGIES:

TECHNOLOGY	WEARER BENEFIT	Varilux Comfort	Varilux Comfort DRx™	Varilux Comfort® W2+	Varilux Comfort® W2+ Fit	Varilux® Physio™	Varilux® Physio DRx™	Varilux® Physio™ W3+	Varilux® Physio™ W3+ Fit	Varilux S Design™	Varilux S Fit™	Varilux S 4D™
All Varilux® lens designs	Comfortable Reading Area	●	●	●	●	●	●	●	●	●	●	●
Digital Surfacing	Better positions near zone for larger reading area		●	●	●		●	●	●	●	●	●
Smart Blue Filter™ feature	Embedded protection from Harmful Blue Light		●	●	●		●	●	●	●	●	●
W.A.V.E. Technology™	Sharp vision at all distances					●	●					
W.A.V.E. Technology 2™	Sharp vision at all distances even in dim lighting			●	●			●	●	●	●	●
Binocular Booster (Varilux® Physio® W3+) SynchronEyes (Varilux S Series™)	Allows wearer to easily transition between near & far							●	●	●	●	●
Nanoptix™	Elimination of “off-balance” feeling									●	●	●
Personalized Measurements*	Provide maximum lens performance despite differences in frame size & shape				●				●		●	●

\* See chart below for personalized measurement reference

## DIGITAL SURFACING TECHNOLOGIES:

TECHNOLOGY	LENS
DualOptix™ <i>See back for reference.</i>	Varilux S Series™ Varilux® Physio® W3+ Varilux Comfort® W2+
Full Back Side	Varilux Physio DRx™ Varilux Comfort DRx™

## PERSONALIZED MEASUREMENTS:

Required: ● Default Measurements Accepted: ■  
Optional: ▲

	PD and Fitting Height	Pantoscopic Tilt	Wrap Angle	Vertex Distance	Eye Rotation	Natural Head Position	Center Distance	Leading Dominant Eye	H/E Ratio	Stability Coefficient	Reading Distance
Varilux S 4D™ *	●	●	●		●	●	●	▲	▲	▲	
Varilux S Fit™	●	■	■	■							
Varilux S Design™	●										
Varilux® Physio® W3+ eyecode*	●	●	●		●	●					
Varilux® Physio® W3+ Fit	●	■	■	■							
Varilux® Physio® W3+	●										
Varilux Comfort® W2+ Fit eyecode*	●	●	●		●	●					
Varilux Comfort® W2+ Fit	●	■	■	■							
Varilux Comfort® W2+	●										

\*Varilux S 4D lenses, Varilux Physio W3+ eyecode lenses and Varilux Comfort W2+ eyecode lenses are exclusive to the Visioffice® System.

## VARILUX® LENS TECHNOLOGY DEFINITIONS

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### Smart Blue Filter™ feature

A feature embedded into all Varilux® digital progressive lenses\* designed to prevent 20% of Harmful Blue Light from entering the eyes.\*

### W.A.V.E. Technology™

Wavefront Advanced Vision Enhancement™ identifies and reduces High Order Aberrations (HOAs) in the lens, resulting in clearer, sharper vision at any distance, greater color contrast and wider fields of vision.

### W.A.V.E. Technology 2™

Wavefront Advanced Vision Enhancement™ 2 customizes wavefront control to the patient's visual requirements, resulting in sharper vision at all distances and in all lighting conditions, even at night.

### SynchronEyes (Varilux® S Series)/Binocular Booster (Varilux® Physio® W3+)

Calculates both right and left lenses as a pair, which allows patients to transition from near to far and every distance in between smoothly and effortlessly.

### Varilux DualOptix™

Dual-sided digital lens design which controls both focus and distortion, providing clear central vision and exceptionally well controlled peripheral vision. Customizes the design and optimizes the distribution of visual zones in the lens – near, far and in-between.

### Nanoptix™ Technology

Revolutionary patented semi-finish blank with a unique shape that delivers lowest distortion, resulting in virtual elimination of that “off balance” feeling.

### Personalized Measurements

Standard PAL measurements – plus Pantoscopic Tilt, Wrap Angle and Vertex Distance or eye rotation center distance. Assures outstanding visual performance, regardless of how the frame fits.

\*Smart Blue Filter will come in all Varilux digitally surfaced designs, except Varilux Physio Enhanced and Varilux Comfort Enhanced. Varilux lenses with Smart Blue Filter feature block at least 20% of Harmful Blue Light, which is the blue-violet wavelengths between 415–455nm on the light spectrum believed most toxic to retinal cells.

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Better Life.**

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