What does Nanoptix™ technology do for patients?

PATIENT BENEFIT = Virtually eliminates the “off-balance” feeling patients get from wearing other progressive lenses.

*Nanoptix* technology combines a patented lens shape and a unique optical design calculation to control magnification and distortion throughout the lens.

*Nanoptix* technology is available with the following lens designs:

- Varilux® X 4D
- Varilux® X Fit
- Varilux® X Design
How does Nanoptix™ technology virtually eliminate the off-balance feeling?

The patented lens shape and design calculation eliminate the off-balance feeling for patients.

Comparison of lens distortion in Ordinary PAL vs. Varilux® X Series™ lens shape

Standard Progressive
The progression of power is obtained by increasing the curvature of the front side of the lens from the distance vision (top of the lens) to the near vision (bottom of the lens). This results in a prismatic effect that is perceived as “swim” by the wearer.

Varilux® X Series™
With Nanoptix, Varilux X Series lenses use the full capabilities of digital surfacing in conjunction with a revolutionary design that flattens the front side surface when going from distance to near vision. The design can now manage both the power progression and prismatic effect resulting in the virtual elimination of the “swim” perceived by the wearer.

Patient Benefits
• Virtually eliminates the off-balance feeling. • Provides clearer vision throughout the lens.

Patented technologies - others do not compare
Varilux X Series lenses with Nanoptix technology are created with 4 unique patented technologies that competitors cannot duplicate.

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