

How does the technology behind Eyecode measurements work?

PATIENT BENEFIT = *Eyecode* provides effortless vision.

Varilux^{*} lenses with *Eyecode* maximizes the performance of the design for each patient based on the unique position of their eyes, through the measurement of the eye rotation center (ERC).

How does Eyecode work?







Eye Rotation Center

Patient's Frame Data

Natural Head Position

The Visioffice[®] System precisely measures the position of the eyes at different reference points. *Eyecode* uses those measurements to calculate a unique lens design for the individual patient:



- 1. **Eye position:** This is determined by the pupillary distance (PD), fitting height (FH), and the proprietary measurement of the center of the eye (ERC).
- 2. **The frame fit**: This is determined by the pantoscopic tilt and frame wrap. The vertex is not needed because the ERC can be directly measured by the *Visioffice* System.
- 3. **Natural head position:** This is determined by the position of the head, which defines where the patient looks through their lenses.

Eyecode technology is available with the following lens designs:

- Varilux[®] X 4D
- Varilux[®] Physio[®] W3+ Eyecode[™]
- Varilux Comfort® W2+ Eyecode™

Patented Technology: US Patent #8,360,580

Eyecode measurements are only taken by the Visioffice System



How does the technology behind Varilux® Fit measurements work?

PATIENT BENEFIT = Assures outstanding visual performance regardless of how the frame fits.

Varilux Fit technology maximizes the performance of the lens design by customizing it to the position of the lens.

Did you know?



for Pantoscopic Tilt, Wrap Angle and Vertex Distance.

How does Varilux Fit technology work?

The personalization process of *Varilux* Fit is based on three individual wearing parameters:



Varilux Fit takes into account the position of the lens in the frame. **Accurate measurements** assure outstanding visual performance for each patient.

Varilux Fit is available with the following lens designs:

Varilux[®] X Fit
Varilux[®] Physio[®] W3+ Fit
Varilux Comfort[®] W2+ Fit



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