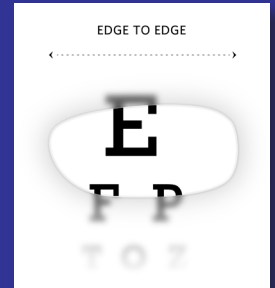




i-Sync™ Technology

i-Sync Technology elevates the level of optical performance by maximizing the clarity in the peripheral areas of the lens and reducing distortion to the lens edge. Using a series of optical calculations that consider today's most common frame-wearing conditions, i-Sync Technology corrects oblique astigmatism and other optical errors caused by off-axis viewing.

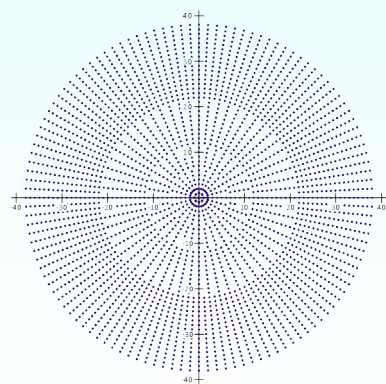


FEATURES

- KODAK Lens designs
- Increased clarity in the peripheral areas of the lens
- Reduced distortion to the lens edge

BENEFITS

- More consistent optical performance over the range of prescription powers
- Wider near viewing areas for hyperopes
- Improved distance area for myopes
- Improved image quality in principal viewing areas
- Allows flatter base curves

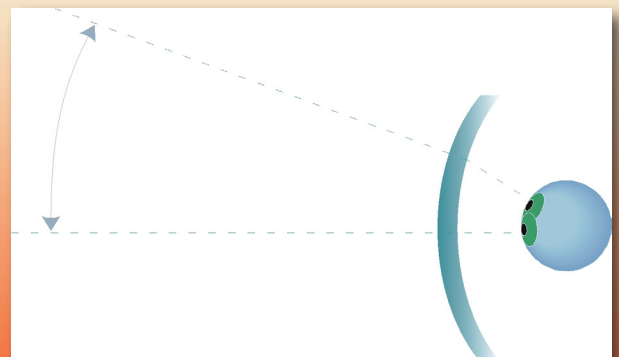


Correcting Optical Errors with Ray Trace Analysis

Ray trace analysis of numerous meridians is used to determine the local changes to the back surface that are needed to correct the optical errors resulting from off-axis viewing. The orientation of the lens for the ray trace analysis is based on an average frame tilt and vertex distance.

Improving Patient Lens Wearing Experience

Patients experience the best image quality when looking through the optical center of any lens. However, when patients look off center, they will experience oblique astigmatism and other optical errors in differing amounts, depending on the gaze angle and lens power. These off-axis errors occur in all lenses, including single vision and progressive lens. The off-axis errors increase with lens power for both plus and minus lenses. These errors are significantly reduced with i-Sync Technology.



The optical center of the lens provides the best viewing experience.

KODAK LENSES WITH i-SYNC TECHNOLOGY

Dual-surface progressive lenses

Kodak

Unique DS Lens

Full-backside progressive lenses

Kodak

Unique Lens

Kodak

Unique HD Lens

Front-surface cast progressive lenses with i-Sync Technology added to the back surface

Kodak

Precise Digital Lens

Kodak

Precise Short Digital Lens

Kodak

Concise Digital Lens

Digitally-surfaced single vision lenses

Kodak

Digital Single Vision Lens

vision first 

vision first 

VISION FIRST DS™ AND VISION FIRST DESIGN™ TECHNOLOGIES

Proprietary technologies Vision First DS and Vision First Design are used to produce KODAK Progressive Lenses.

With these technologies, the traditional design methodology is reversed. Instead of calculating the lens surface and then measuring the results, Signet Armorlite designers started by defining the optical properties that constitute superb vision and let those calculations determine the corresponding lens surface.



Signet Armorlite, Inc.

5803 Newton Drive, Suite A
Carlsbad, CA 92008
TEL 800-759-0075

For over sixty-six years, Signet Armorlite has been a leader in the optical industry with quality products and innovative technologies.

To learn more about KODAK Lenses with i-Sync Technology, please visit:
www.signetarmorlite.com



The Kodak trademark and trade dress are used under license from Kodak by Signet Armorlite, Inc. Unique, Unique HD, Unique DS, Vision First DS, Vision First Design and i-Sync are trademarks and Precise and Concise are registered trademarks of Signet Armorlite, Inc.
© 2014 Signet Armorlite, Inc. PN 357-877 10/14

