From VARILUX® - the #1 progressive lens brand* - Varilux® X Series™ lenses have revolutionary technology not found in any other progressive lens on the market. Essilor’s innovative approach to lens design has produced a progressive lens yielding unprecedented results.

Varilux® X Series™ Lenses Put Sharper Vision Within Arm’s Reach

Varilux® X Series™ lenses extend the area of sharp vision within arm’s reach, so patients no longer have to move their head to find “just the right spot.” Varilux® X Series™ lenses are the result of five years of research and development, nineteen wearer studies among thousands of wearers, and fifteen pending patents.

Better Than Our Best

In 2012, Essilor revolutionized the industry with the launch of Varilux S® Series™ - setting a new gold standard in progressive lenses. But now, thanks to new Xtend™ technology, the best just got better.

*Euromonitor, 2016 data; Retail value RSP amongst spectacle lenses category, brands representing

**Study conducted in 2017 by independent third party sponsored by Essilor of America, Inc. (n=59).
A New Approach to Progressive Lens Design

Considering the evolving digital world, Essilor’s R&D team developed new tools and methodologies to quantify the modern presbyope’s dynamic vision needs at arm’s length. This measure called **Volume of Vision** determines the acuity necessary to see sharply during multiple important arm’s length tasks.

What Is Xtend™ Technology?

Found only in Varilux X® Series™ lenses, Xtend™ technology is the result of Essilor’s new design philosophy and maximizes the Volume of Vision needed for today’s presbyope. With other progressive lenses, wearers have to move their head to focus through one point in the lens, but Varilux® X Series™ lenses allow the wearer to see multiple distances through any point in the near and intermediate zones with reduced head