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VARILUX® X DESIGN



Standard Rx range pricing shown below is for:

Sphere: Plano to + or -6.00

Compound: Plano to + or -6.00 on -0.25 to -3.00

Higher powers over this range, **add \$1.35 per lens, per diopter**

Lens materials available with The Smart Blue Filter are designated with the letter **B** in the material code.

Polarized and Transitions automatically filter at least 20% Blue Light

Lens Style Code: **VX X DESIGN**

2019 availability

Minimum fitting height: 14mm

Blank Size:	Lens Material:	Index:	DVI Material Code:	Scratch Resistant Coating:	Rx Range:	Base Curves:	Add Powers:
Varies by Rx	CR-39 Plastic	1.49	P B50	Outside Surface Only	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Polarized Gray, Brown	1.49	PRY	Outside Surface Only	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +3.50
Varies by Rx	Trivex	1.53	H53 B53	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Polycarbonate	1.59	PLY BLY	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Polycarbonate Polarized Gray, Brown	1.59	PLP	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	1.67 High Index	1.67	H67 B67	Both Sides	-12.00 to +9.00 out to -6.00 cylinder total power not to exceed -12.00	Customized	+0.75 thru +4.00
Varies by Rx	1.74 High Index	1.74	H74 B74	Both Sides	-14.00 to +13.00 out to -6.00 cylinder total power not to exceed -14.00	Customized	+0.75 thru +4.00
Varies by Rx	Transitions Gray, Brown	1.50	TRN	Outside Surface Only	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00

Please allow 7-10 working days to process Varilux X Design 1.74

Systemically includes Crizal Previncia, Crizal Sapphire, Crizal Avancé or Crizal Alizé. Add to pricing. 1.74

Transitions is not available with Crizal Previncia.

Blank Size:	Lens Material:	Index:	DVI Material Code:	Scratch Resistant Coating:	Rx Range:	Base Curves:	Add Powers:
Varies by Rx	Transitions XTRActive Gray, Brown	1.50	TRN	Outside Surface Only	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Trivex Transitions Gray	1.53	T53	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Polycarbonate Transitions Gray, Brown, Green	1.59	TPY	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	Polycarbonate Transitions XTRActive Gray, Brown, Green, Mirrors	1.59	TPY	Both Sides	-10.00 to +6.00 out to -6.00 cylinder total power not to exceed -10.00	Customized	+0.75 thru +4.00
Varies by Rx	1.67 Transitions Gray, Brown, Green	1.67	T67	Both Sides	-12.00 to +9.00 out to -6.00 cylinder total power not to exceed -12.00	Customized	+0.75 thru +4.00
Varies by Rx	1.67 Transitions XTRActive Gray, Brown, Green, Mirrors	1.67	T67	Both Sides	-12.00 to +9.00 out to -6.00 cylinder total power not to exceed -12.00	Customized	+0.75 thru +4.00
Varies by Rx	1.74 Transitions Gray, Brown	1.74	T74	Both Sides	-14.00 to +13.00 out to -6.00 cylinder total power not to exceed -14.00	Customized	+0.75 thru +4.00

Additional Information:

Building on the innovations of the Varilux S Series lenses that incorporates Nanoptix™, Synchroneyes™ and 4D™ technology, Varilux X Series lenses provide presbyopic wearers with the best vision possible at every distance, even in low light, for every activity, by incorporating W.A.V.E. 2 Technology. Varilux X Series lenses were designed to meet the needs of modern presbyopes. A common complaint from presbyopes is the head movement required to see sharply within arm's length. Thanks to new Xtend Technology, Varilux X Series lenses extend sharp vision within arm's reach, significantly reducing the head movement required for wearers to find "just the right spot." Xtend Technology is a revolutionary new design calculation that is exclusive to Varilux X Series lenses. **Xtend technology gives wearers simultaneous sharp vision of multiple distances within arm's reach through a single point in the lens.** Varilux X Series lenses are the result of five years of research and development, 19 wearer studies among thousands of wearers and 15 new lens design patents.

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Extend Technology

Primary Patient Benefit: Unique design calculation that extends wearers vision within arm’s reach

Xtend Technology extends sharp vision within arm’s reach, significantly reducing the head movement required for wearer’s to find “just the right spot.” Xtend Technology is a revolutionary new design calculation that is exclusive to Varilux X Series lenses. Xtend technology gives wearers simultaneous sharp vision of multiple distances within arm’s reach through a single point in the lens.

Nanoptix Technology

Primary Patient Benefit: Virtually eliminates the off-balance feeling

Nanoptix is technology that entirely reengineers the fundamental structure of a Progressive lens during the design calculation process. Nanoptix is a method of creating and managing optical elements. A lens surface is made up of many optical elements. Each optical element is then re-engineered and optimized for base curve and power to allow light to pass through each and achieve continuity. With Nanoptix we are able to manage the “unwanted” light deviation that causes swim. Nanoptix Technology doesn’t eliminate light deviation. Light deviation is a property of a lens and Nanoptix is not changing the laws of optics. It’s a combination of these optical elements working together that results for the first time in a lens that not only virtually eliminates the swim effect, but also offers never before achieved stability in motion.

Synchroneyes Technology

Primary Patient Benefit: Smoothest transitions between visual zones

Synchroneyes Technology uses the Rx from both the left eye and right eye to simultaneously calculate the lenses as a pair. This ensures that the design is built around both eyes working together as a visual system. The result: better retinal image matching and improved spatial perception. Patients will experience expansive vision from edge to edge and look through the same area of each lens and same optical element. Patients will also experience true binocularity.

Base Curve Selection

You may not specify a base curve. Altering the base curve of the Varilux X Series destroys the optics of the lens. In addition, it can cause issues in manufacturing, alter aesthetics and create problems with mounting the lens.

Rx Compensation

The Rx of the Varilux X Design is compensated. It’s calculated in wearer power. The compensated Rx will be shown either on the invoice or a separate “dual packing slip.”

Re-ordering a ½ Pair of Lenses

Keep in mind that due to Synchroneyes technology, should you have to order a ½ pair such as for a scratch warranty, you can do so, however, when re-ordering the lens, you must give us the Rx for the other eye. However, should you have to change one lens due to a change in Rx, then both eyes have to be re-ordered. Remember, Synchroneyes technology uses the Rx from both the left eye and right eye to simultaneously calculate the lenses as a pair. This ensures that the design is built around both eyes working together as a visual system.

Measurements needed to properly order and fit Varilux X Design

- P.D’s
- Fitting Height
- Minimum Fitting Height is 14mm
- Visiooffice Not Necessary

Identifying Varilux X Design

AR Coating Availability			Consumer Warranties	
Crizal® Family of AR	SharpView®	Zeiss Family of AR	Progressive Non Adapt	Scratch Resistant Coating
Yes	Yes	No	90 days	1 year

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