



Luzerne Optical
Laboratories, Ltd.

"With an Eye on Service and Quality!"

The Luzerne Optical Family of Freeform Lens Designs

Premium Quality Products To Help Grow Your Business - EXCLUSIVELY From Luzerne Optical

SightStar®+ SightStar®+ Short PROGRESSIVE LENSES

A current generation multi-design progressive lens. By using this advanced progressive lens design, you are providing your presbyopic patients with improved optics at a significant cost savings. Use this progressive where cost is a major consideration. Your patients will adapt quickly and easily to this aspheric design. Its slimmer profile as well as soft and wide viewing area across the entire lens surface will match the eye care needs and lifestyle requirements of your patients. Available in many lens materials including Trivex and Polarized lenses.

SightStar® 365 FREE-FORM PROGRESSIVE AND SV

A current generation multi-design, easy fit, and incredible value make it an excellent choice for your progressive wearers providing them with improved optics and clear comfortable vision at a reasonable cost. Its backside aspheric design and spherical front surface combine to provide patient-specific optical correction, clear wide vision in all fields and reduced distortion.

FreeFocus® Camber FREE-FORM PROGRESSIVE

State-of-the-art digital lens design combined with sophisticated new lens blank technology.

- Premium digital lens with high optical performance and expanded Rx range
- Significantly improved reading zone
- Extended peripheral vision
- Better cosmetics (thinner) on some prescriptions

A breakthrough in combining digital processing with an innovative new lens blank design. The specially designed Camber lens blank features an increasing base curve that provides the optically correct curvature in each zone of the lens. This allows expanded reading zones with improved peripheral vision. The advanced, digitally designed back surface can be comprehensively customized to each patient through a complete set of individualization parameters. Complex curves on both surfaces of the lens work together to provide excellent vision correction.

FreeFocus® HD FREE-FORM PROGRESSIVE

A cutting edge design with optimized and compensated technology that gives the most demanding wearers clear, wide, and high resolution vision at any distance. Your patients will appreciate this premium all-purpose personalized progressive lens. Available in variable or fixed designs (backside).

FreeFocus® FREE-FORM PROGRESSIVE AND SV

An excellent all-purpose digital progressive design that gives wearers great clarity in all fields. This lens with its wide near and far zones is sure to please your patients. This 100% digital backside design is calculated to match your prescribed Rx for easy verification. Available in variable or fixed designs.

FreeFocus® PC
FREE-FORM COMPUTER LENS

FreeFocus PC is an advanced digital office lens that offers your patients wide, near, and intermediate visual fields. Viewing distance can be customized with a choice of:

- FreeFocus PC13: allows for a viewing distance of 4 feet.
- FreeFocus PC20: allows for a viewing distance of 6.5 feet.
- FreeFocus PC40: allows for a viewing distance of 13 feet.

Great choices for computer users and many others. Available in a wide variety of materials unlike most office lenses. Near vision point is placed at 14mm below the pupil and 65% of the degression is reached at the pupil. To select the ideal degression, our software will factor the type of FreeFocus PC design you choose along with the patient's Rx. Minimum fitting height 18mm.

FreeFocus® AF
FREE-FORM ANTI-FATIGUE LENS

FreeFocus AF are enhanced single vision lenses that help eliminate visual fatigue for many near and intermediate visual tasks like reading, using a computer/tablet, cell phone or playing video games. Ideal for wearers who spend time at near vision and have visual fatigue symptoms. FreeFocus AF 50 & AF 75 are available in all lens materials and provide a small bump in the sphere power at the bottom of the lens so the eyes don't have to work as hard and can relax. The lenses are further enhanced when ordered in TheraBlue.

CrownView®
GLASS FREE-FORM PROGRESSIVE

The first glass progressive free-form lens in the USA. A soft progressive design with smooth power changes for effortless adaptation and increased patient comfort. ECP's can differentiate themselves and gain a competitive advantage with premium glass lenses. Now there is a high technology digital option for patients who prefer glass lenses. The benefits of glass lenses include the following: Also available in Single Vision

- Clear optical clarity for better vision
- Built-in scratch resistance that lasts for the life of the lenses - More scratch-resistant in industrial environments
- Very stable base material for AR and Mirror treatments - Impregnated glass color is very stable and never diminishes over time or due to exposure to sun or heat - Photochromic performance never wears out and is impervious to oils and solvents.