



Luzerne Optical Laboratories, Ltd.

"With an Eye on Service and Quality!"

FreeFocus[®]

Since its inception in 1973 Luzerne Optical has strived to bring your offices the best in lens products and technology from all parts of the world. Many years ago, and after a considerable investment in equipment, we were one of the first laboratories in the United States to offer the cutting edge technology of freeform and digital lenses, manufacturing lens products from such manufacturers as Varilux, Shamir, Hoya, Signet-Armorlite, and Seiko. Thanks to you we have become one of the leading digital/freeform laboratories in the country.

We are very excited to announce that we are now releasing our own FreeFocus freeform (backside) premium design series. Designed by one of the world's leading lens designers exclusively for Luzerne Optical, these designs will impress even the wearers of the top freeform and digital designs being offered today.

FreeFocus[®] HD - 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. This is a 100% backside design available in variable or seven (7) fixed designs with a minimum fitting height of 14mm. Please also note that the add powers range from +0.50 to +4.00, a wider range than many other freeform products.

FreeFocus[®] - Progressive

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 which is not compensated and matches your prescribed prescription for easy verification. Available in variable or four (4) fixed designs. Add powers are from +0.50 to +4.00 with a minimum fitting height of 14. This is a great design for the mid range economic category.

FreeFocus[®] PC - Office / Occupational

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, office work, writers, readers, musicians, artists, mechanics 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 digression is reached at the pupil. To select the ideal digression, our software will factor the type of FreeFocus PC design you choose along with the patient's Rx. Minimum fitting height 18mm.

FreeFocus[®] SV- Single Vision

A cutting-edge digitally optimized and compensated single vision freeform design that offers improved clarity in all gaze directions. Improved peripheral vision over standard single vision. Give your single vision patients total personalization along with thinner and lighter lenses. Available in a variety of materials.

FreeFocus® AF- Anti-Fatigue

These enhanced single vision lenses 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.

FreeFocus® Camber

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

FreeFocus digital lenses are now available with Camber Technology, representing 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 and a progressive lens experience like no other.

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