



 Independent Lenses

INDEPENDENT LENSES

OUR MISSION

To provide premium digital freeform lenses and exceptional service at a competitive price.

OUR STORY

We decided to start Independent Lenses to be....well....independent. In our experience, lenses from large multi-national lens corporations are now being made in developing nations overseas. Because of this, there is little flexibility in their policies if a prescription needs to be adjusted. We have assembled a team of Doctors, Electrical Engineers, Opticians and an Industrial Designer to establish and maintain our surfacing lab. Our team has spent years researching various types of equipment and meeting with manufacturers. As a result, we now have one of the most technologically advanced surfacing labs in North America. Our equipment is truly state of the art and capable of generating almost any lens prescription in any material with premium anti-glare and scratch resistant coatings.

GREEN OPTICS

Did you know...

...that lens production and shipment is incredibly energy intensive and creates a large carbon footprint?



DIGITAL LENS GENERATOR

The RS-tec motor drives a diamond Twin Tool to generate any prescription in any material (0.01D, -7.50 cyl, prism).



INDEX MATCHED SCRATCH RESISTANT COATING

Fully automated Dip Coating process with Index matching for superior quality and durability.



ANTI-REFLECTIVE COATING

This high quality coating provides a cleaner visual experience due to it's ability to repel water, dirt and oil from finger prints.



EDGING

Digital 3D modeling of the frame insures a perfect fit for your lenses.

When we coat a lens we heat our building using our Geothermal recapture system.

INDEPENDENT LENSES

WHY CHOOSE INDEPENDENT LENSES?

- Premium quality lenses with customizable options that will accommodate even the most unique prescriptions
- State-of-the-art technology, German technology, exceptional coatings, and customizable options for almost any prescription
- Modern European designs utilized by iconic brands
- Personalized service to meet your patients needs and exceed their expectations through comprehensive warranties, kids program, and no hassle redos
- Environmentally friendly green manufacturing process / Geothermal loop energy recapture system
- Made Local / Faster turnaround times
- Fully Customized Lens Generation process that incorporates 3-D Frame tracing data
- Locally owned and operated business with employees who understand the unique demands of the modern wearer



The World's First Low Carbon Lenses

ICON DESCRIPTIONS

Digital Ray-Path®



Calculated with
Digital Ray-Path®
technology

Smart Add



Optimized by
Smart Add
technology

Personalization



Customized with individual
parameters and position
of wear measurements
for each wearer

Lifestyle App



Innovative application
for selling
Digital Ultra
Customized lenses

Short Corridor



Available in
MFH = 14 mm
or less

Multiple Corridor



Available in several
fitting heights

Variable Inset



Correct inset
position automatically
calculated

Wrap Available



Sport frames,
required wrap
angle or ZTILT

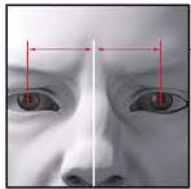
PERSONALIZATION PARAMETERS

Position of wear measurements



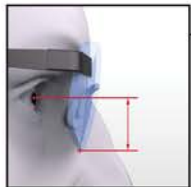
Prescription & Addition

Digital Ray-Path® calculates the power that the user will truly perceive once the lenses are fitted into the frame.



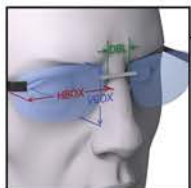
Monocular Pupillary Distance

The distance from the axis of symmetry of the face to the center of the pupil.



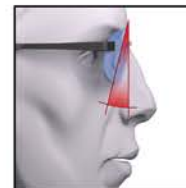
Pupil Height

The vertical distance between the pupil center and the deepest part of the lens shape.



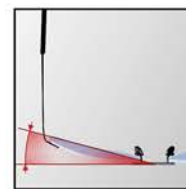
Frame Dimensions

Frame dimensions are used to calculate the final diameter and thickness of the lens, and to improve the efficiency of the optimization.



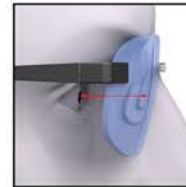
Pantoscopic Angle

This is the angle in the vertical plane between the optical axis of a spectacle lens and the visual axis of the eye in primary position.



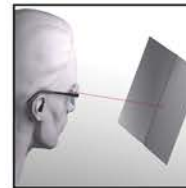
Wrap Angle

Frame curvature



Back Vertex Distance

Distance between the cornea and the back surface of the lens.



Near Working Distance

This is the distance from the lens to the typical reading position for the wearer.

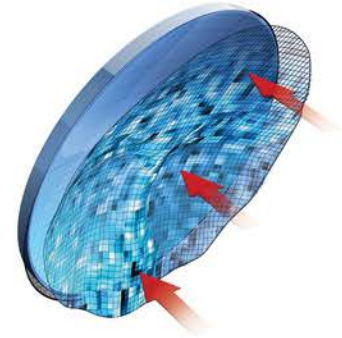
Personalization parameters used for the calculation are specific for each individual patient. Those parameters represent the identity of each wearer and make it possible to create unique lenses.

LENS TECHNOLOGIES



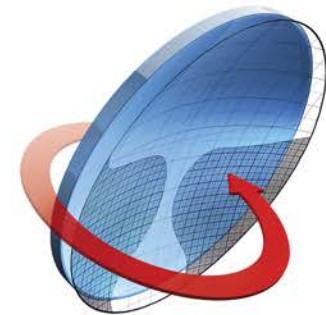
FREE-FORM PERSONALIZED PROGRESSIVE ADDITION LENS

Digital Ray-Path® is the most advanced technology available to make digital lenses. The important difference appears when calculating the back surface of the lens. Digital Ray-Path® technology is based on an advanced **three-dimensional calculation model** that takes into account the **actual position of the lens** and the natural **movements of the human eye**. The result of this innovative calculation method is a **progressive lens that is personalized** and provides **better vision in all zones of the lens**.



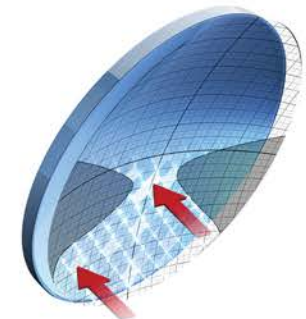
FREE-FORM BASIC PROGRESSIVE ADDITION LENS

Surface Power is our entry-level digital surfacing technology. Progressive lenses made with this technology have the **progressive surface on the back side of the lens**, and a simple curve, on the front side. The progressive surface is calculated using a pure geometrical method that produces lenses with similar optical performance as conventional progressive lenses, but with the advantages of the digital process, like **flexible designs, variable corridor lengths and insets**.



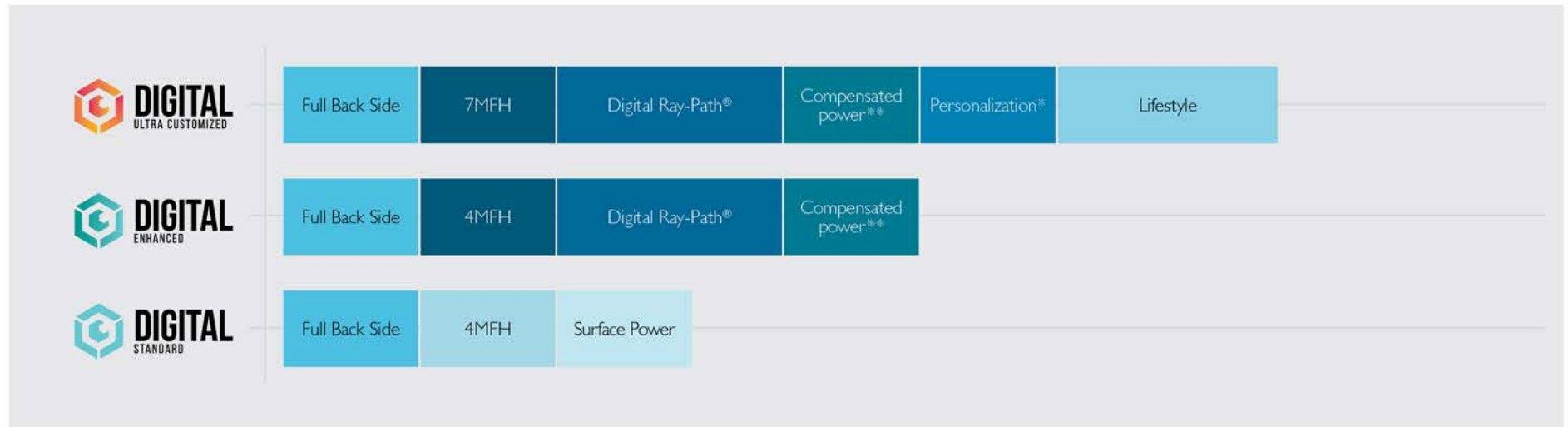
RELAXATION AND COMFORT IN FRONT OF A DIGITAL DISPLAY

Smart Add is a technology specifically designed to **improve comfort when viewing electronic devices** (smartphones, tablets, computers...). The intermediate and near visual regions have been optimized for agile focus with less effort. The eyes are more relaxed, eyestrain disappears and the wearer's posture is more ergonomic. Smart Add technology **improves lens performance** against screen devices, optimizing the surface for **better dynamic vision**.



INDEPENDENT LENSES DESIGN PORTFOLIO

PROGRESSIVE DESIGNS



** **Compensated Power:** Thanks to a simulation of virtual rays, the power of the lens is corrected and compensated during the calculation to minimize the oblique aberrations in all gaze directions. As a result the final lens is fully compensated and the power of the lens when checked with the lensometer is always gives the compensated power.

* **Personalization:** Real position of wear parameters are taking into account when optimizing the lens.

PANTO: Pantoscopic Angle

ZTILT: Wrapping Angle

BVD: Back Vertex Distance

PROGRESSIVE DESIGNS

Series	Design	Type	Technology*	Compensated Power	Personalization	Main feature	MFH Available
ULTRA CUSTOMIZED	Ultra Mobile	Full Back Side	DRP / Smart Add	✓	✓	Electronic devices	14, 15, 16, 17, 18, 19, 20 mm
	Ultra Customized Near	Full Back Side	DRP	✓	✓	Near enhanced	14, 15, 16, 17, 18, 19, 20 mm
	Ultra Customized Balanced	Full Back Side	DRP	✓	✓	Balanced	14, 15, 16, 17, 18, 19, 20 mm
	Ultra Customized Distance	Full Back Side	DRP	✓	✓	Distance enhanced	14, 15, 16, 17, 18, 19, 20 mm
	Ultra Customized First	Full Back Side	DRP	✓	✓	Extra-Soft	14, 15, 16, 17, 18, 19, 20 mm
	Ultra Customized XS	Full Back Side	DRP	✓	✓	Ultra Short corridor	10, 11, 12, 13 mm
DIGITAL ENHANCED	Digital Enhanced Near	Full Back Side	DRP	✓	×	Near enhanced	14, 16, 18, 20 mm
	Digital Enhanced Balanced	Full Back Side	DRP	✓	×	Balanced	14, 16, 18, 20 mm
	Digital Enhanced Distance	Full Back Side	DRP	✓	×	Distance enhanced	14, 16, 18, 20 mm
	Digital Enhanced First	Full Back Side	DRP	✓	×	Soft	16, 18, 20 mm
DIGITAL STANDARD	Digital Standard Near	Full Back Side	SP	×	×	Near enhanced	14, 16, 18, 20 mm
	Digital Standard Balanced	Full Back Side	SP	×	×	Balanced	14, 16, 18, 20 mm
	Digital Standard Distance	Full Back Side	SP	×	×	Distance enhanced	14, 16, 18, 20 mm
	Digital Standard First	Full Back Side	SP	×	×	Soft	16, 18, 20 mm



	Ultra Customized FreeStyle	Ultra Customized Mobile	Ultra Customized Near	Ultra Customized Balanced	Ultra Customized Distance	Ultra Customized First	Ultra Customized XS <i>(extra short)</i>
Description	Fully personalized progressive lens						
Strengths	Lifestyle personalization	Intermediate & near enhanced for electronic devices	Near vision enhanced	Balanced between near and distance	Distance vision enhanced	Extra-soft design	Exclusive for narrow frames
Digital Ray-Path®	✓	✓	✓	✓	✓	✓	✓
Smart Add	-	✓	-	-	-	-	-
MFH's available	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	14, 15, 16, 17, 18, 19 & 20 mm	10, 11, 12 & 13 mm

Digital Ray-Path® creates completely adapted lenses for each wearer. Prescription, position of wear parameters and frame dimensions are taken into account to generate a personalized surface that will adapt uniquely to each individual patient and frame. The lens is calculated point by point to guarantee the best possible quality and performance. Ultra Customized progressive lens designs produce the most sophisticated personalization possibilities and the best optical performance. Ultra Customized designs are more than lens designs. They are fully compensated lenses that adapt to each wearer's unique lifestyle. Ultra Customized FreeStyle is a new product in this family that uses an advanced application (Ultimate FreeStyle App), which includes a lifestyle questionnaire that helps patients define their unique lifestyles. The Ultimate FreeStyle App selects the ideal personalized lens for each patient.



ULTRA CUSTOMIZED MOBILE

Personalized design, specially developed for electronic device users. It provides expanded near and intermediate visual fields combined with a smooth transition that allows wearers to change in a more agile way.



ULTRA CUSTOMIZED NEAR

Fully personalized design specially created for experienced progressive wearers who want the best near vision. Superior near vision and comfort for reading or near work.



ULTRA CUSTOMIZED BALANCED

Fully personalized design with a balance between distance and near vision. Highly recommended for experienced and demanding progressive wearers who are looking for an all-purpose, comfortable progressive lens with wider visual fields at all distances.



ULTRA CUSTOMIZED DISTANCE

Fully personalized design specially developed for experienced progressive wearers who want the best distance vision. Panoramic high performance distance vision for traveling or enjoying landscapes.



ULTRA CUSTOMIZED FIRST

Fully personalized design for first time progressive wearers. Extra-soft design with a smooth soft transition between distance and near vision zones. The new Ultimate F is 22% softer than the previous version.



ULTRA CUSTOMIZED XS

Fully personalized design available in very short MFH's, allowing easy adaptation to narrow frames. Specific for those wearers who need a very short corridor length.



	Digital Enhanced Near	Digital Enhanced Balanced	Digital Enhanced Distance	Digital Enhanced First
Description	Semi-personalized progressive lens			
Strengths	Near vision enhanced	Balanced between near and distance	Distance vision enhanced	Soft design
Digital Ray-Path®	✓	✓	✓	✓
MFH's available	14, 16, 18 & 20 mm	14, 16, 18 & 20 mm	14, 16, 18 & 20 mm	16, 18 & 20 mm

The Digital Enhanced progressive lens family represents a group of semi-personalized designs calculated with Digital Ray-Path® technology. Default personalized position of wear parameters are calculated when the design is computed. The lens calculation uses preconfigured parameters that correspond with average values. As a result, a partially personalized but fully compensated lens is achieved. Wearers receive a much higher visual definition and higher level of comfort compared with a non-compensated progressive lens.



DIGITAL ENHANCED NEAR

Semi-Personalized design specially created for experienced progressive wearers who want a wider near visual field to feel more comfortable with near visual activities, such as reading the newspaper. Default Position of Wear personalization parameters will be used.



DIGITAL ENHANCED BALANCED

Semi-Personalized design with a good balance between far and near vision. Recommended for experienced progressive users who want an all-purpose progressive lens. Default Position of Wear personalization parameters will be used.



DIGITAL ENHANCED DISTANCE

Semi-Personalized design specially created for experienced progressive wearers who want a wider distance visual field to feel more comfortable with distance visual activities such as traveling or viewing landscapes. Default Position of Wear personalization parameters will be used.



DIGITAL ENHANCED FIRST

Semi-Personalized design for first time progressive wearers. A soft design balanced between near and far vision to provide the wearer with a comfortable and all-purpose first progressive lens. Default Position of Wear personalization parameters will be used.



	Digital Standard Near	Digital Standard Balanced	Digital Standard Distance	Digital Standard First
Description	Non-compensated progressive lens			
Strengths	Near Vision enhanced	Balanced between near and distance	Distance vision enhanced	Soft design
Surface Power	✓	✓	✓	✓
MFH's available	14, 16, 18 & 20 mm	14, 16, 18 & 20 mm	14, 16, 18 & 20 mm	16, 18 & 20 mm

Digital Standard family includes three progressive lens designs calculated with Surface Power technology. Digital Standard lenses are generated with digital equipment but are non-personalized and non-compensated. These four different options allow you to select the best option for each patient and get a better adapted visual solution.

Although Digital Standard designs are non-compensated lenses, they offer an added value: an accurate inset calculated individually for each user. This provides the patient with an increased near binocular visual field. The Digital Standard progressive lens family is the idea solution for an economic digital product.



DIGITAL STANDARD NEAR

Non-compensated design specially engineered for experienced progressive users that are looking for an improvement in their near vision. The near visual field has been enhanced to provide the wearer with a more natural near vision.



DIGITAL STANDARD BALANCED

Non-compensated design specially engineered for experienced progressive users that are looking for a digital and economic solution. Distance and near vision zones are balanced to provide the wearer with a comfortable, all-purpose lens.



DIGITAL STANDARD DISTANCE

Non-compensated design specially engineered for experienced progressive wearers with a preference for distance vision and who are looking for a digital and economic solution. A good solution for enjoying outdoor activities.



DIGITAL STANDARD FIRST

Non-compensated design specially engineered to be an all-purpose first time progressive lens. Ideal for novice progressive wearers looking for a digital and economic solution. A soft and comfortable progressive lens with a smooth transition between visual zones.



	Revive II	Sports Progressive	inMotion™ Progressive & Single Vision
Description	Personalized anti-fatigue lens	Personalized outdoor progressive lens	Personalized progressive and single vision lenses for driving
Strengths	Help for reading	Panoramic and dynamic distance vision	Compensates for night myopia, great distance and low lateral distortion
Digital Ray-Path®	✓	✓	✓
Smart Add	✓	-	-
MFH's available	14 mm	16 & 18 mm	PAL: 16 & 18 mm

Just as we have a special pair of shoes for running, and another for golf, our specialty lens designs offer the highest level of comfort during different tasks. Get the best visual quality and comfort for specific activities. Special designs are required to ensure visual superiority. The Independent Lens Specialty family is a group of designs, each one developed to be used during certain tasks. Specific activities like working with computers, indoor activities, playing sports or driving are covered by this family of lenses.

BIFOCAL AND SPECIALTY DESIGNS

Series	Design	Type	Technology*	Compensated Power	Personalization	Main feature	MFH Available
BIFOCAL LENS	B-Free Bifocal	Full Back Side	DRP	✓	✓	Without image jump	15 mm
SPECIALTY LENSES	Office progressive	Full Back Side	DRP or SP / Smart Add	Available	Available	Specific intermediate & near	14, 18 mm
	Revive II	Full Back Side	DRP/ Smart Add	✓	✓	Anti-fatigue	14 mm
	Sports progressive	Full Back Side	DRP	✓	✓	Sport frames	16, 18 mm
	inMotion™ PAL & SV	Full Back Side	DRP	✓	✓	Driving day and night	PAL: 16, 18 mm

* DRP : Digital Ray-Path® / SP: Surface Power



REVIVE II

A lens designed to reduce visual fatigue. Available in 1.00D, 0.75D and 0.50D additions. Ideal for single vision wearers who need better near vision and have visual fatigue symptoms.



SPORTS PROGRESSIVE

Fully personalized progressive lens exclusively for outdoor activities. This design offers a clear area of binocular vision in far distance and it is the ideal lens for dynamic outdoor conditions.



INMOTION™ PROGRESSIVE & SINGLE VISION

Fully personalized progressive and single vision lenses specially designed for driving. They incorporate a power distribution specially adapted for driving. They include a night vision zone for greater visual quality and less fatigue when driving at night.

Revive II

The single vision lens that reduces visual fatigue symptoms



Fully personalized
single vision lenses
that provide
**EXTRA NEAR
ADDITION**

We spend on average

+8h

each day in front
of digital screens

Revive II is a single vision personalized lens designed to **reduce visual fatigue symptoms** associated with reading for long periods of time by **reducing eyestrain and relaxing the eyes** when using mobile devices. Revive II lenses offer an **extra addition in the near vision region** of the lens to relax the adjustment between different viewing distances and increase focus with less effort. Revive II lenses deliver superior comfort and great vision by using the most innovative technologies available today. Revive II lenses are created **using the patient's personal biometrics, individual frame selection, and prescription.**

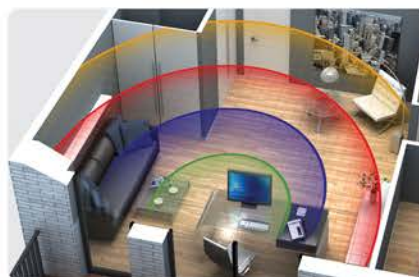
COMPUTER PROGRESSIVES



	Office Progressive
Description	Indoor lens
Strengths	Extended near and Intermediate visual fields
Digital Ray-Path®	Optional
Surface Power	✓
Smart Add	✓
MFH's available	14 & 18 mm



Office Progressive is an occupational lens that offers wide intermediate and near visual fields and very easy adaptation. It's available in 4 viewing distances:



1.3 m	Up to 1.3 meters (4 ft) of clear vision
2 m	Up to 2 meters (6.5 ft) of clear vision
4 m	Up to 4 meters (13 ft) of clear vision
6 m	Up to 6 meters (19.7 ft) of clear vision



The perfect driving lens for all lighting conditions



DECIDE YOUR DESTINY.
ENJOY THE JOURNEY.

*inMotion™ is the personalized progressive and single vision lens that incorporates a **power distribution** specifically adapted for driving. It includes a **night vision zone** for greater visual quality and **less fatigue** when driving at night.*



Bifocal

Description

Digital lined bifocal

Strengths

Enhanced peripheral vision compared to progressives, minimal image jump

Segment diameters

28, 35

Try **B-Free** Blended Bifocals today.



DID YOU KNOW?

The bifocal was invented by Ben Franklin.

Try Blended Bifocals and **B Free** of Lines.



BLENDED BIFOCAL



B-Free Bifocal

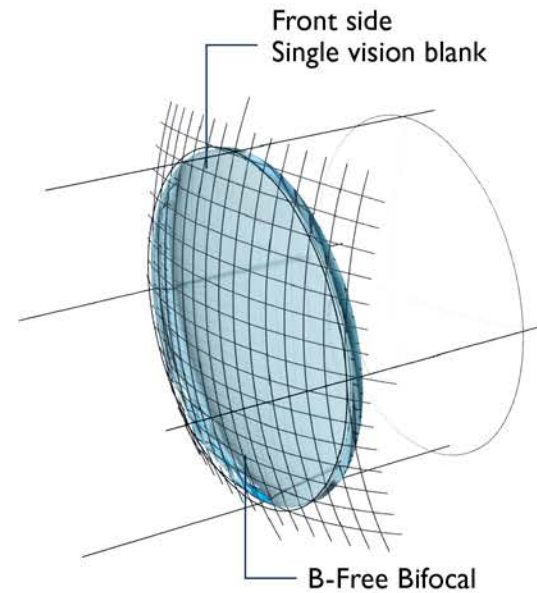
Description	Personalized digital bifocal lens without "image jump"
Strengths	An advanced digital bifocal lens that offers comfortable and superior vision when transitioning between the distance and near visual zones
Digital Ray-Path®	✓
Segment diameters	-
MFH's available	15 mm

B-Free Bifocal is a digital bifocal lens which displays no "image jump" between distance and near visual zones. It is a new generation of personalized free-form bifocal lenses optimized by Digital Ray-Path® technology. Engineered using the latest technology while considering the binocular eye-lens system and movement across the lens, this design represents the most accurate combination of quality and comfort for bifocal wearers. It is a fully compensated design offering comfortable vision that is free from distortion along the natural eye path by eliminating "image jump". Since the B-Free design is essentially a mix between a bifocal and multifocal lens, it can be used to help transition bifocal wearers into successful progressive wearers.



B-FREE BIFOCAL

The B-Free Bifocal lens eliminates the visible dividing line offering much more natural vision, better aesthetics and comfortable vision free from distortion along the natural eye path by eliminating "image jump".



FOR BIFOCAL LENS ORDERS: Provide the segment height as measured for a conventional bifocal lens.

SINGLE VISION DESIGNS



CONVENTIONAL DESIGNS

- Good basic option for lower prescriptions

DIGITAL / ASPHERIC DESIGNS

- Vision in Hi-Definition
- Computer guided laser technology
- Thinner & Lighter
- Better Peripheral Vision & Night Vision
- Easier adaptation
- Preferred for Medium to High Prescriptions



Design	Technology*	Compensated Power	Personalization	Main feature
SV- Stock	Conventional	-	-	Good basic option for low Rxs
SV- Digital Surfaced Spherical	Digital Surface Power	-	✓	Improved peripheral vision, best for low to medium Rxs
SV- Digital Surfaced Aspheric	Digital Ray Path	✓	✓	Optimized peripheral vision and night vision. Complete personalization makes the design ideal for higher Rxs



Are you sure you don't want to discuss progressive lenses?

LENS COATINGS



DEFENDER - A WITH ANTIGLARE COATING

A premium anti-glare coating that improves comfort and enhances night vision. It protects the lens surface from scratches for improved durability, and repels dust, oil, and water to help keep your lenses clean. Available in both Standard (Defender A) and Premium (Defender A - Elite).

DEFENDER - B WITH BLUE BLOCKER COATING

A premium clear and transparent blue-block coating that blocks up to 30% of blue light from the sun and electronic screens to enhance your vision and protect your eyes. Available in both Standard (Defender B) and Premium (Defender B - Elite).

DEFENDER - S WITH SCRATCH RESISTANT COATING

A premium scratch resistant coating that protects the lens surface from scratches for improved durability. It repels dust, oil, and water to help keep your lenses clean.

INDEPENDENT LENSES KIDS PROGRAM

We know kids are tough on glasses. They also have changes in their prescription as they grow. Maintaining clear vision through annual eye exams and lens updates is essential to strong visual development.

JOIN OUR KIDS PROGRAM

and update your child's lenses within 18 months for any reason... *no questions asked.*

- Thin lightweight material
- UV protection
- Anti-reflection coating
- Durable and scratch resistant
- Sunglasses and high index available



MULTIPLE PAIR SAVINGS



UV exposure can contribute to many ocular conditions such as cataracts and macular degeneration.

PROTECT YOUR EYES with multiple pair savings

Prescription sunglasses

Photochromics
clear indoors, tinted outdoors

Polarized lenses

Specialty golf, fishing,
and office lenses

Rush service available; get your glasses within a few days! Some restrictions may apply. Ask our staff for details.



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