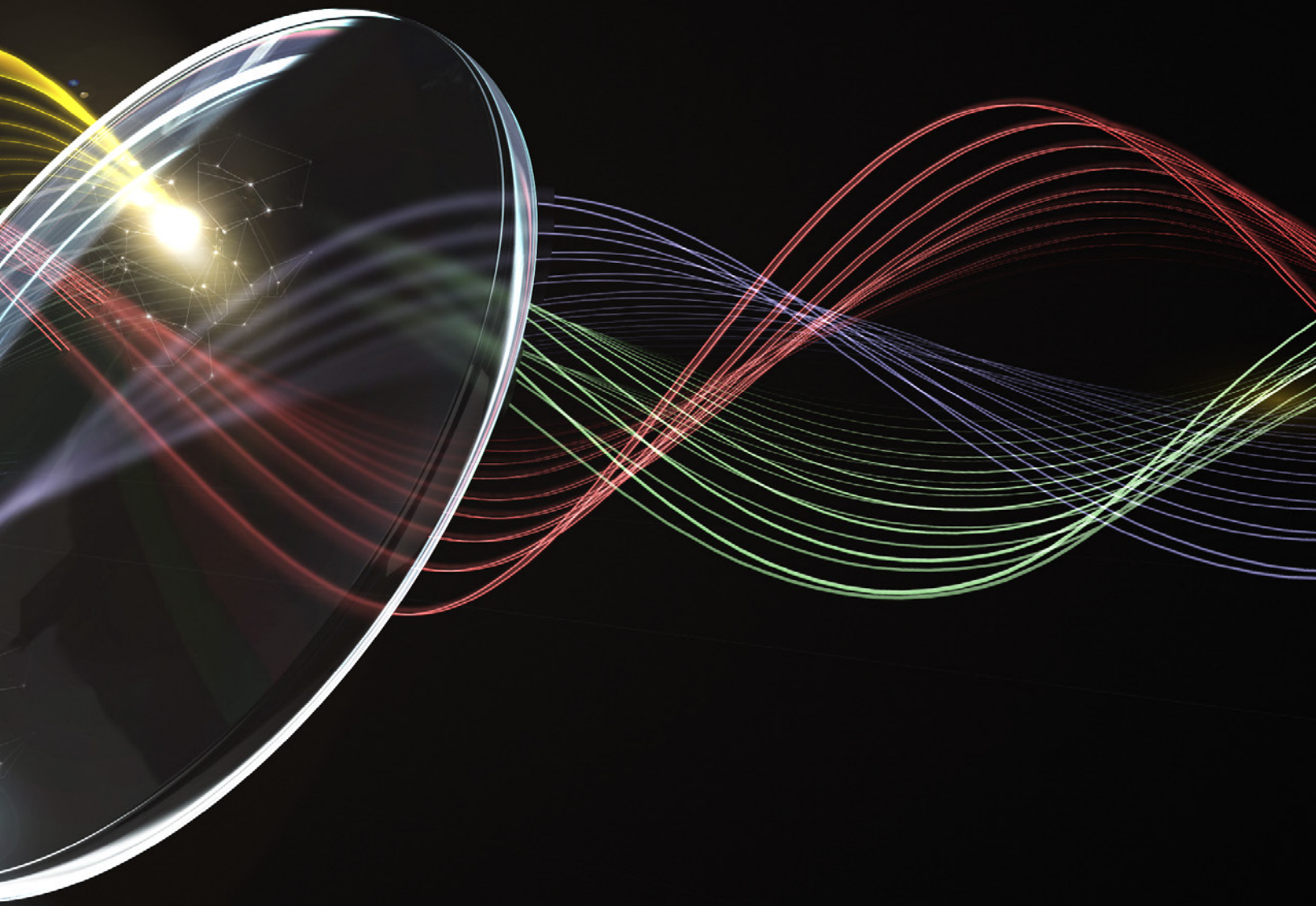
LENS AVAILABILITY

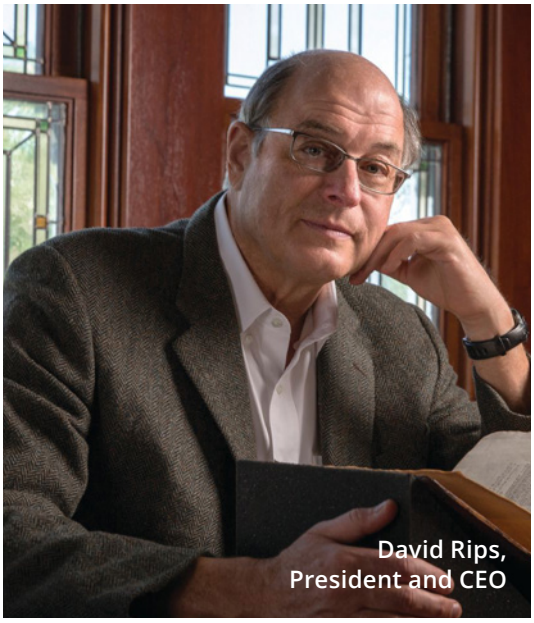
Quick Reference Guide



YOUNGER OPTICS

The Optical Lens Innovators

YOUNGER OPTICS
OPTICAL LENS INNOVATORS


David Rips,
President and CEO

The Easiest Company To Do Business With

For over 70 years, Younger Optics has remained a leader in the optical industry by developing new and innovative lens solutions. As you'll see in this booklet, Younger provides a wide array of lens options, materials and treatments to meet virtually every eyewear need, from the latest in polarized and photochromic, to specialty occupational lenses.

From humble beginnings, Younger has grown into the world's largest independent lens company. What sets us apart is that Younger does not operate at the wholesale laboratory or retail level, because our policy is to never compete with our customers. This is rare in this era of rapid change for our industry. But it means that our success only is possible by making our customers successful. Therefore, our goal is always to be *the easiest company to do business with.*

Table of Contents

Pages highlighted in blue contain product availability tables.

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Europe: Komerční Zona Pruhonice, Obchodni 110, Čestlice 25170, Czech Republic

Singapore: 160 Robinson Road, #25-06 SBF Center Singapore 068914

AMEA: Eyeglass Lenses Trading LLC, Dubai Investment Park 2, Dubai, UAE

www.youngeroptics.com

YOUNGER OPTICS
The Optical Lens Innovators

YOUNGER OPTICS

A TRADITION OF OPTICAL INNOVATION

Irving Rips

It all began over 70 years ago with one man's vision to create a bifocal that wouldn't give away the wearer's age with its telltale lines. This desire led Irving Rips to develop the world's first "seamless bifocal," which was launched in 1955. Younger Optics—so named because the new lenses would make their wearer look younger —was born.

Today, Younger is the world leader in Rx polarized sunwear with NuPolar® brand lenses, and continues to be an innovative force in the optical world.

Since winning the first OLA Award of Excellence ever given (1987) for its specialty lenses, Younger has won a total of 24 OLA Awards—more than any other lens company.

From a company started in a garage to a world-class organization, Younger Optics was a true realization of the American Dream for founder Irving Rips, who was honored with a Lifetime Achievement Award in 1992.

In addition to being the world leader in prescription polarized lens sales, Younger Optics is also a leader in specialty products, and 3rd in the world in Transitions lenses. Younger has become an international company headquartered in the USA, with Sales and Distribution offices serving North America, Europe, Asia Pacific and Latin America.

FOLLOW US ON SOCIAL MEDIA!

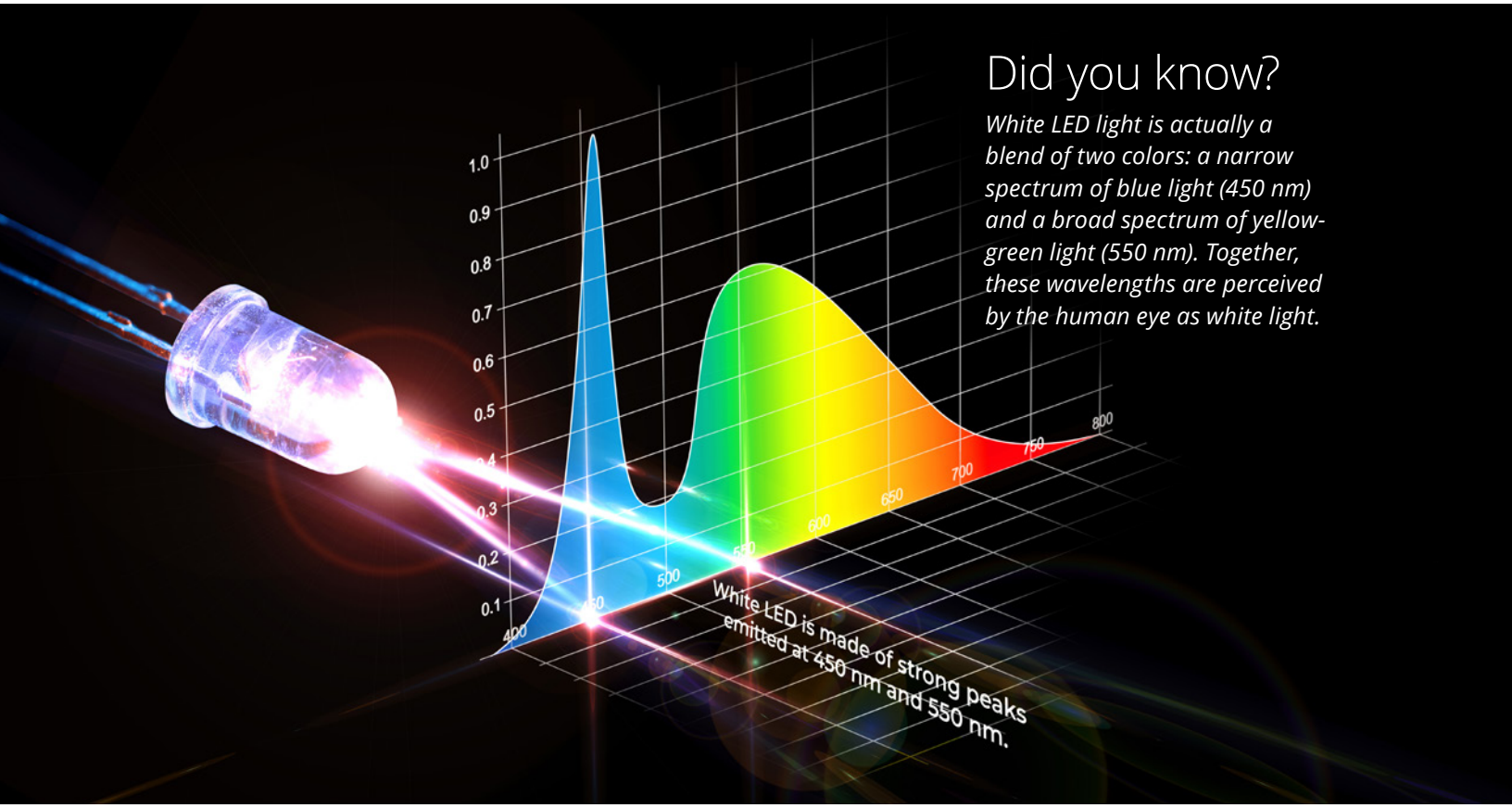
linkedin.com/in/**DavidRipsCEO**

Connect with and follow David Rips on LinkedIn to build a professional relationship with an influential industry veteran!

linkedin.com/company/**YoungerOptics**

Follow Younger Optics on LinkedIn for the latest information on lens releases, including events and special offers for eyecare professionals.

LED PRO® LED LIGHT CONTROLLING LENSES



Did you know?

White LED light is actually a blend of two colors: a narrow spectrum of blue light (450 nm) and a broad spectrum of yellow-green light (550 nm). Together, these wavelengths are perceived by the human eye as white light.

The invention of the Light Emitting Diode (LED) has radically altered how we illuminate our world. By consuming 90% less energy than conventional bulbs, LEDs have become a cornerstone of modern sustainability, dramatically reducing energy consumption worldwide.

This efficiency comes from a unique way of creating light. Unlike earlier light sources, white LED light is produced by coupling a narrow spectrum of blue light (450 nm) with a broad yellow-green light (550 nm). When combined, the human eye perceives these two colors as white light. Consequently, most LEDs create sharp intensity peaks at these two points rather than a smooth, uniform spectrum.

LEDs are much brighter than traditional bulbs. While this brightness improves visibility, it presents a distinct disadvantage: the intensity can create significant discomfort and visual fatigue. This is especially true after prolonged exposure or when the light shines directly toward the eyes.

In today's world, our eyes are constantly exposed to LED light. Studies have shown that people who require visual correction are more likely to experience LED-related discomfort.[1]

LED PRO lenses can offer great benefits to prescription eyewear users who are particularly affected by LED light.

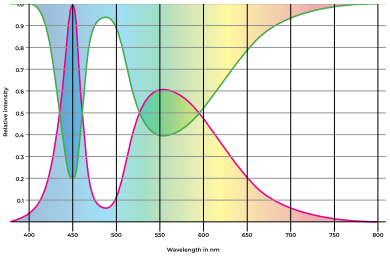
1. Study DOI:10.1364/JOSAA.534837

LED light controlling lens

How LED PRO works

LED PRO utilizes a new technology of selective wavelength light absorption dyes. Instead of absorbing light across the whole visible spectrum, these dyes absorb a narrow band of the light spectrum at two specific wavelengths. Younger Optics R&D developed and patented the lens with high absorption at 450 nm and 550 nm wavelengths.

As a result, the LED PRO lens attenuates the emission peaks of LED lights, reducing the blinding effect of direct LED lights, as well as the visual fatigue of prolonged exposure.



Blinding LED light peaks reduced

Night Driving

In the first major government study[2] to investigate this issue, the Transport Research Laboratory in the UK has concluded that a vast majority of drivers are sometimes bothered by LED headlights, with a higher severity reported among older drivers. The data suggest that LED and whiter headlamps are linked to the rising levels of discomfort.

Sports Arenas

People who play sports* under artificial lighting are exposed to very strong LED illumination. Indoor sports activities often expose participants to visual fatigue and general discomfort due to LED lights. Spectators, too!

Gaming/Computing

Most computer monitors and game consoles use LED technology. It is known that prolonged exposure to LED light may cause visual fatigue and even headaches for some people. LED PRO lenses mitigate this effect, which can improve comfort for computer users and gamers.

Indoor Industrial Environments

Almost all indoor illumination today is LED, especially in industrial environments. It is usually stronger and brighter than conventional lighting. LED Pro lenses can improve the comfort of prescription lens wearers by attenuating the strong light waves at 450 and 550 nm.

2. Study DOI 10.58446/ldpz6744 PPR2069

* Compliance of the finished eyewear with all impact and safety standards applicable to its intended use is the sole responsibility of the entity performing final fabrication.

NUPOLAR® POLARIZED LENSES

Not all polarized lenses are the same. There is a good reason why NuPolar is the world's #1 Rx polarized lens.

As polarized lenses gain in popularity and are being offered by an increasing number of lens manufacturers, it is easy to begin to think that all of these lenses are manufactured the same, and are of equal quality and similar performance. This is certainly not true.

NuPolar® is the world's leading brand of polarized Rx lenses. When performance factors such as optics, polarizing efficiency, color consistency, heat stability and many other factors are taken into consideration, NuPolar quality is unequaled. We worry about the small details of our lenses so that you don't have to. With NuPolar lenses you can always be sure of receiving the most advanced and intelligently designed lens available.

NuPolar is Perfect for Digital Surfacing

Excellent digital surfacing capabilities start with having excellent curve control and optics on the front surface of the lens. This curve control can only be achieved through rigorous adherence to manufacturing standards throughout the manufacturing process. The precision of the front curve of a lens is a result of the care given to it by the manufacturer. NuPolar products are designed specifically to be highly compatible with digital surfacing processes. The number of base curves in one-diopter steps is maximized to give as thin and flat a finished lens as possible.

Proprietary Film Technology

Younger is one of the few lens manufacturers that has film manufacturing capabilities. This has allowed us to achieve unrivaled excellence in the areas of film placement, color stability, heat stability, and advanced film adhesion. Creating a great polarized lens starts with great polarizing film technology, and here NuPolar is unrivaled.

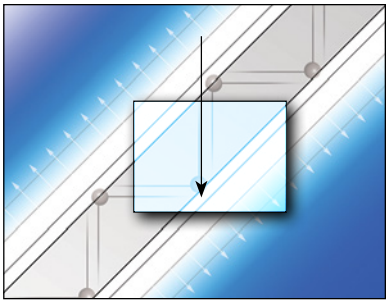
Excellent Color Uniformity

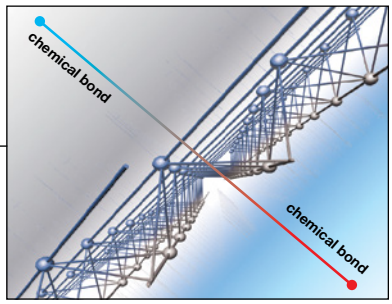
Younger colors are always "true colors". The human eye is a superb "color matching instrument" and NuPolar lenses are the best product on the market to satisfy these demanding requirements.

Excellent Heat Stability

NuPolar's colors remain stable in the elevated temperatures often required for hard coating and AR processing. Other lenses often fade, lose efficiency or change their colors completely when subjected to the temperatures required during these processing steps.

NUPOLAR®





The polarizing film and the lens are linked by a stable chemical bond. This eliminates any chance of film separation.

All NuPolar lenses have excellent UV blocking properties.

Superb Adhesion

Before NuPolar, delaminations were an everyday occurrence with polarized lenses. With NuPolar technology, the unique chemical composition of the polarizing film facilitates a chemical reaction between the lens material and polarizing film material, which eliminates the possibility for lens/film delaminations.

Wide Availability

With a wide range of materials, colors, and styles, NuPolar lenses consistently have the availability you need (including extra large blanks), making it easy to recommend the world's #1 Rx polarized lens to practically every patient. NuPolar lenses are made in more progressive styles than any other polarized lens.

Without NuPolar lenses

With NuPolar lenses

Embrace the Opportunity.

Every corrective lens wearer should have at least two pairs of glasses: one with clear or photochromic lenses for indoor and low light conditions, and one with polarized lenses for bright light conditions.

The benefits of sunwear are undisputed, but your patient relies on you for adequate information to choose the right pair.

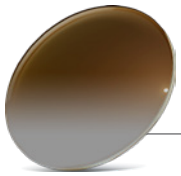
When you recommend NuPolar lenses, you are recommending the world's most trusted Rx polarized lenses.

NUPOLAR® SOLIDS, GRADIENTS AND MIRRORS

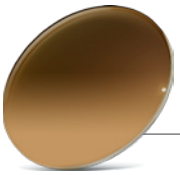
In addition to popular solid colors such as Gray-3, Gray-1, Brown, Green and Copper, NuPolar is also available in three polarized gradients and three polarized mirrors.

Coming in 2026, three new solid colors will be introduced: Gray-4, Magenta and Blue! See page 11 for full NuPolar color and material availability.

NUPOLAR GRADIENT
GRAY/GRAY



NUPOLAR GRADIENT
BROWN/GRAY



NUPOLAR GRADIENT
BROWN/BROWN

NUPOLAR® GRADIENT
POLARIZED LENSES

AVAILABLE IN POLYCARBONATE

SV Rx range
-5.00 D to +6.00 D

3 Base curves
4, 6, 8

Blocks ≥ 80% high energy blue light (380-500nm).*

US Patent 8651660 B2
* Measured according to ISO 8980-3: 2013 and ISO 12311:2013 Blue light hazard function calculations.

NUPOLAR® MIRROR

AVAILABLE IN POLYCARBONATE

Base Curves
2, 4, 6, 8.25

SV Rx range
-8.00 D to +6.50 D

4 Base curves
2, 4, 6, 8

Processing
Traditional or Digital

NuPolar Mirror
SILVER

NuPolar Mirror
BLUE

NuPolar Mirror
GOLD

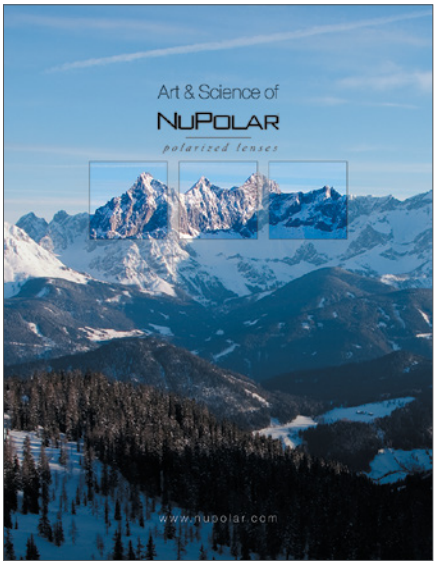

NUPOLAR®
polarized lenses
Blue
Magenta
Gray-4
COMING SOON
TO A LAB NEAR YOU

EDUCATIONAL & MARKETING MATERIALS

Education made simple

Like all value-added features, polarized lenses require a bit of consumer education. Younger Optics is committed to providing the eye-care professional with a wide range of marketing materials that make this task simple.

For additional marketing resources, please visit YoungerOptics.com.



The Art & Science of NuPolar Booklet

NuPolar Patient Brochure

NuPolar Lighted Glare Demonstrator

NuPolar Gradient Dispensing Counter Card

NuPolar *Look* Polarized Glare Card

To request materials, contact ***marketing@youngeroptics.com****.*

NUPOLAR®

Lens Style	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
Single Vision Colors & Base Curves	1, 2, 3, 4, 5, 6, 7, 8	0.5, 1, 2, 3, 4, 5, 6, 7, 8	2, 4, 6, 8	1, 2, 3, 4, 5, 6, 7, 8	0.50, 1, 2, 3, 4, 5, 6, 7, 9, 12	0.50, 2, 4, 6, 8
	2, 4, 6, 8	0.5, 2, 4, 6, 8				
		2, 4, 6, 8				
		4, 6, 8				
Single Vision Extra Large Blank (80.5mm!) Colors & Base Curves	2, 4, 6, 8	6, 8			4, 6, 8	
Camber™ Lens Blank Colors & Base Curves	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8		0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8	
IMAGE® Progressive Colors & Base Curves *Add Range*	2, 4, 6, 8 *1.00 - 3.00*	2, 4, 6, 8 *1.00 - 3.00*				
IMAGE Wrap® Colors & Base Curve *Add Range*		8 *1.00 - 3.00*				
ADAGE® Progressive Colors & Base Curves *Add Range*		2, 4, 6, 8 *1.00 - 3.00*				
FT28 Bifocal Colors & Base Curves *Add Range*	2, 4, 6, 8 *0.75 - 4.00*	2, 4, 6, 8 *1.00 - 3.00*			2, 4, 6, 8 *1.50 - 3.00*	
FT35 Bifocal Color & Base Curves *Add Range*	2, 4, 6, 8 *0.75 - 4.00*					
7 x 28 Trifocal Color & Base Curves *Add Range*	4, 6, 8 *1.50 - 4.00*					

Colors:

- Gray-3
- Brown
- Green
- Copper
- Gray-1

▼ COMING SOON ▼

- Magenta
- Blue
- Gray-4

- Gradient Gray/Gray
- Gradient Brown/Gray
- Gradient Brown/Brown

- Mirror Silver
- Mirror Gold
- Mirror Blue

Finished single vision & plano lenses are listed on page 43.

*For complete tech specs, see **youngeroptics.com/EN/TechnicalSpecifications***

TRANSITIONS® DRIVEWEAR®

Polarized & Adaptive:

The Ultimate Driving Lens

Transitions Drivewear adaptive sun lenses were designed to meet the unique visual challenges of daytime driving.

***High-efficiency polarizer blocks blinding glare** both outdoors and behind the windshield, for a safer and more comfortable drive.*

***Lens color and darkness continuously adapts** to optimize color contrast in changing daylight conditions, even behind the windshield.*

Transitions Drivewear sun lenses block 100% of UVA and UVB, and are the only lenses that combine NuPolar polarizing technology and Transitions photochromic technology.

Low Daylight Conditions

Olive Green

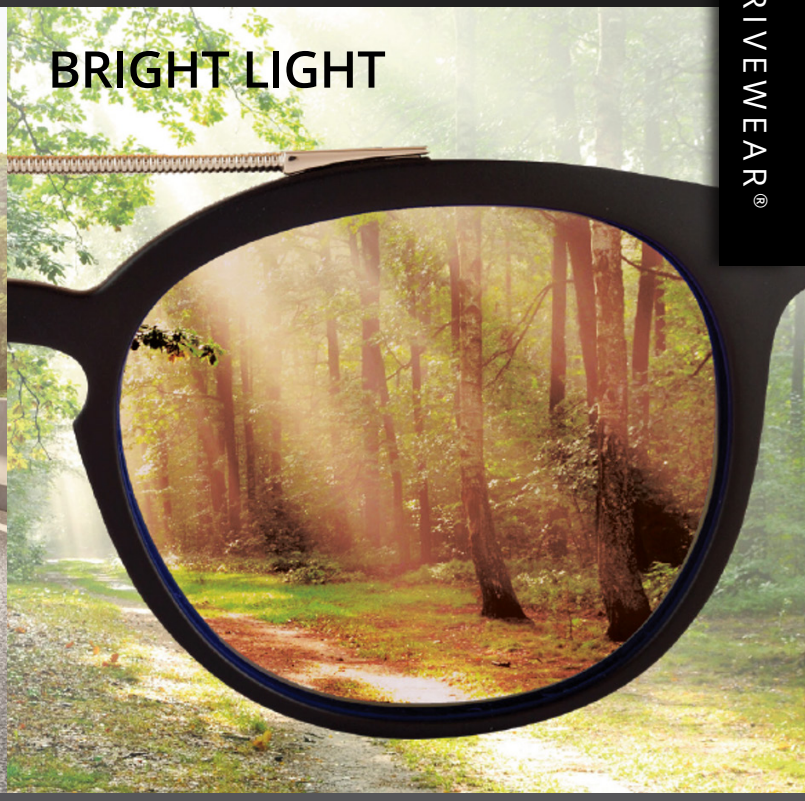
In low daylight, the lenses allow high transmission of light to maximize the total information to all the eye's visual receptors. This results in maximum visual acuity at this lower lighting level. The high contrast polarizer removes glare that would otherwise destroy vision in low light conditions. Wearers have said there are no better lenses for driving under overcast and low-daylight conditions.

Transitions™ DRIVEWEAR®

Behind the Windshield

Copper

Behind the windshield of a car, Transitions Drivewear sun lenses darken to copper. **In this stage, the lenses reduce light intensity and block blinding glare for optimum visual acuity.**



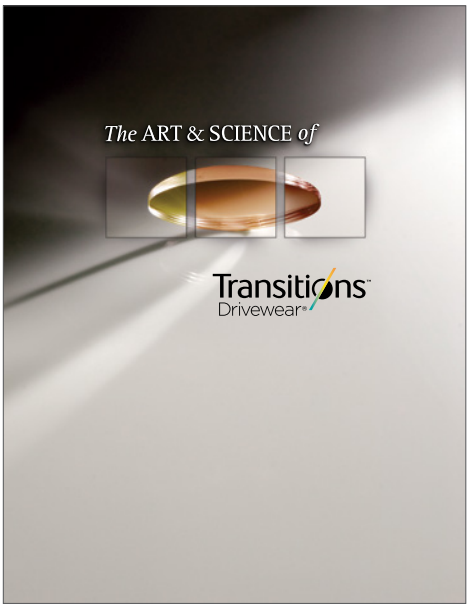
Outside in the Sun

Brown

Outside in bright sunlight, the eyes' visual receptors, the rods and cones, can easily get "oversaturated" with light. **In bright direct sunlight, Transitions Drivewear sun lenses achieve their maximum dark color, which is designed for maximum filtration of uncomfortable bright light.** This means Transitions Drivewear sun lenses are great sunwear lenses for any outdoor activity.

EDUCATIONAL & MARKETING MATERIALS

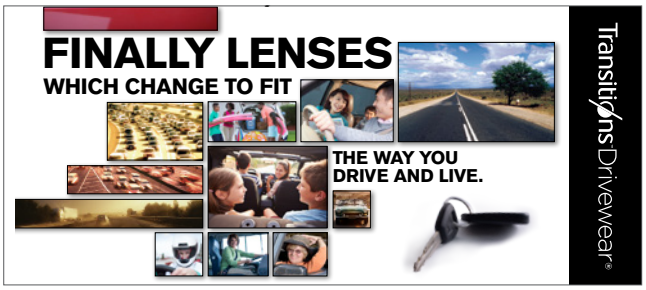
Transitions Drivewear Polarized Demo Wheel



The Art & Science of Transitions Drivewear Booklet

Poster, approx. 23" x 33"

Lenticular Display Card, 5" x 7"
(image changes when viewed at different angles)



Transitions Drivewear Patient Brochure

*To request materials, contact **marketing@youngeroptics.com**.*

TRANSITIONS® DRIVEWEAR®

▼ NEW ▼

Lens Style	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-10™)
Single Vision Base Curves	1, 2, 3, 4, 5, 6, 7, 8	1, 2, 3, 4, 5, 6, 7, 8	2, 4, 6, 8	1, 2, 3, 4 5, 6, 7, 8
Camber™ Lens Blank Base Curves		0.5, 2, 3, 4, 5, 6, 7, 8		
IMAGE® Progressive Base Curves *Add Range*		2, 4, 6, 8 *1.00 - 3.00*		
Finished Plano Base Curve			6 *hardcoated*	

*For complete Rx ranges & tech specs, see **youngeroptics.com/EN/TechnicalSpecifications**.*

CAMBER™ LENS TECHNOLOGY

What is Camber Technology?

Camber Technology combines complex curves on both surfaces of the lens to provide excellent vision correction. The unique, continuously changing surface curvature of the specially designed lens blank allows expanded reading zones with improved peripheral vision.

When combined with a sophisticated back surface digital design, both surfaces work together to accommodate an expanded Rx range, offer better cosmetics (flatter) for many prescriptions, and yield user-preferred near vision performance.

Ideal Base Curve

When the power of a lens is paired with its ideal base curve, the wearer enjoys clearer vision, with minimal oblique astigmatism. For a progressive lens, the distance zone power calls for a flatter base curve, while the near zone power calls for a steeper base curve. However, most digitally surfaced progressive lenses are processed from a single vision lens blank. This means the various powers must share a single base curve, one that may not be ideal for the near zone.

Front Surface Innovation

The Camber lens offers an elegant solution that represents the next step in digital progressive lens technology. The Camber lens blank features a variable base curve — a new front surface innovation that provides the optically ideal base curve in all viewing zones.

Each Camber lens blank comes from a section of the "Elephant's Trunk" curve, creating a unique variable base curve front surface that continually increases in diopter from top to bottom. **[Figure A]**

This improved front surface profile gives each viewing zone a base curve that is well-suited to its function.

Compare Front Surfaces

A digital progressive lens processed from a single vision lens blank has one base curve from top to bottom. The Camber lens blank has a unique, continuously increasing base curve, ideal for the increasing power profile of digital progressive lenses. **[Figure B]**

With this innovative design, wearers enjoy noticeably increased acuity in the periphery of the distance zone, as well as a reading area that is more comfortable and easier to find with the eye.

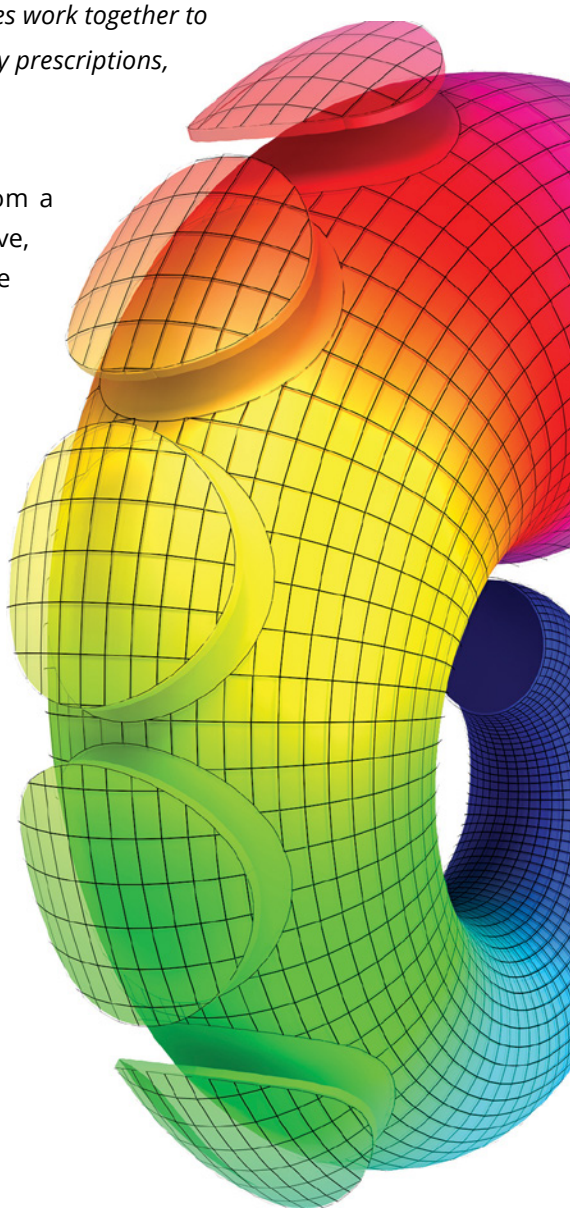
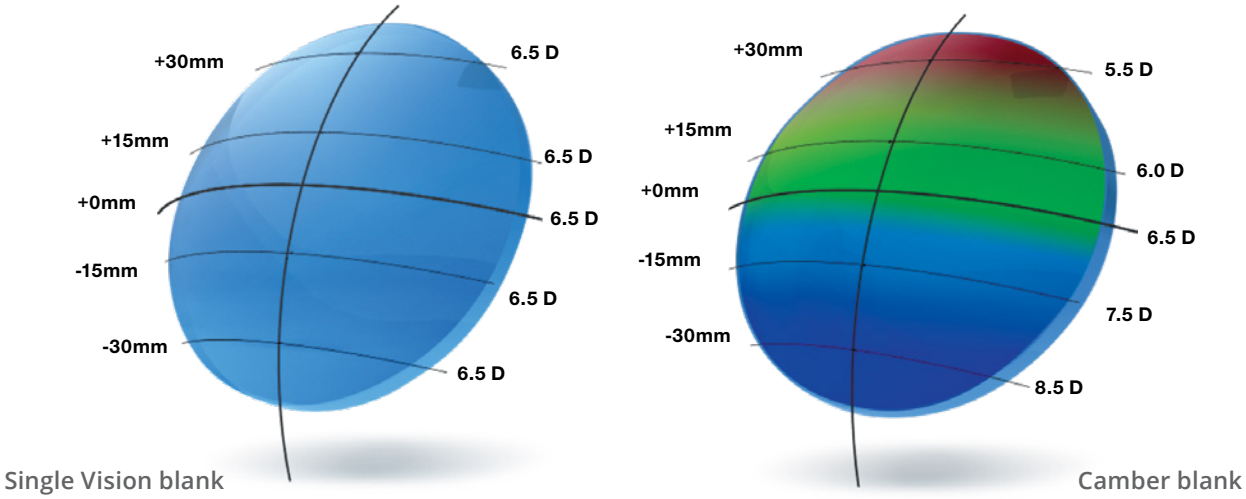


Figure A:
Elephant's Trunk Curve

Figure B: Compare Front Surfaces

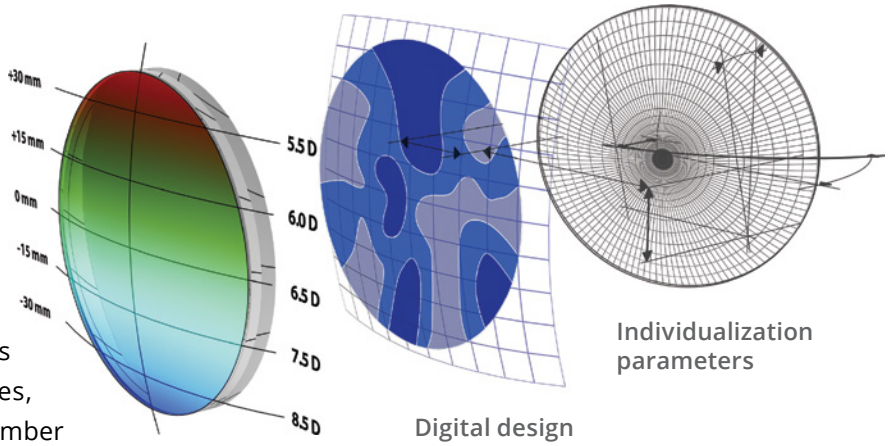


Single Vision blank

Camber blank

Merging Complex Curves

When the unique front surface is combined with a sophisticated backside digital design, both surfaces work together to become the patented Camber finished lens. The design may be further enhanced by a set of individualization parameters, such as unique attributes of the frame and wearer preferences, to comprehensively customize the Camber lens for each individual wearer.



Camber lens blank

Digital design

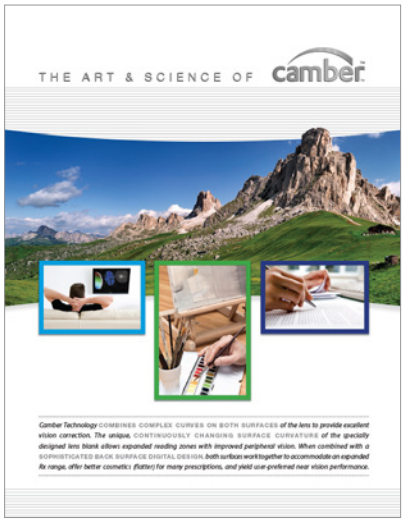
Individualization parameters

Compensation vs. Personalization

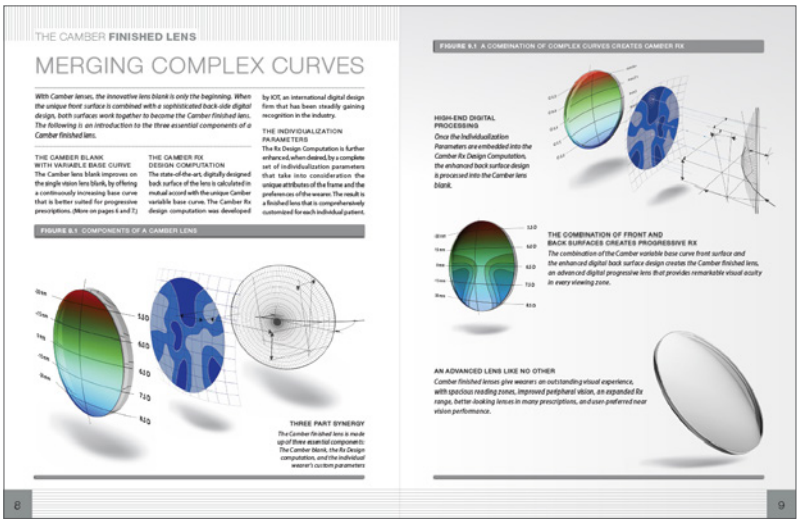
Digital lens design gives optical designers a lot of power to create lenses that are customized to each patient. But when a progressive lens is made from a single vision lens blank, the uniform front curve creates optical problems that lens designers must digitally correct. Rather than focusing every design decision on achieving a fully personalized lens, some of the design power must go toward "compensation correction."

Camber's new variable base curve technology reduces the need for compensation correction, allowing more digital design power to be used to refine and customize the design for each individual eye.

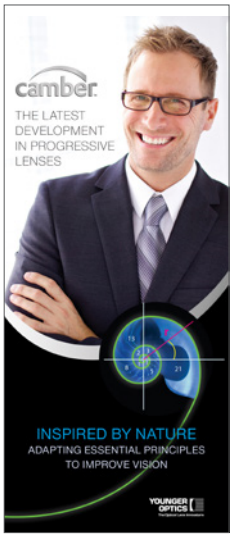
EDUCATIONAL & MARKETING MATERIALS



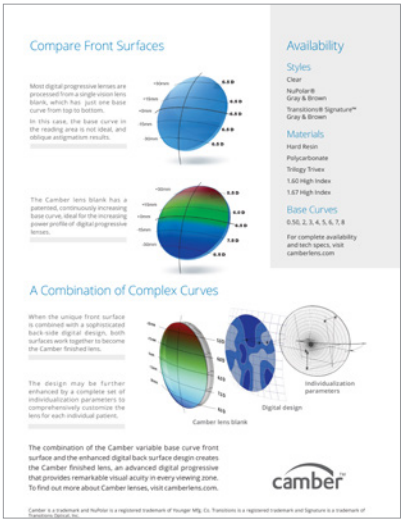
The Art & Science of Camber
8-page Booklet



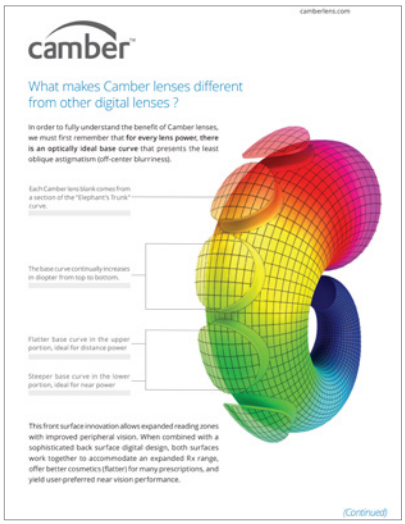
Inside



Camber Patient Brochure



Camber Flyer



*For more information about Camber lenses, visit **camberlens.com**.*
*To request materials, contact **marketing@youngeroptics.com**.*

CAMBER™

Lens Style	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
Camber™ Clear Base Curves	C 0.5, 2, 3, 4, 5, 6, 7, 8	C U 0.5, 2, 3, 4, 5, 6, 7, 8	C 0.5, 2, 3, 4, 5, 6, 7, 8	C U 0.5, 2, 3, 4, 5, 6, 7, 8	C U 0.5, 2, 3, 4, 5, 6, 7, 8	C U 0.5, 2, 3, 4, 5, 6, 7, 8
Camber Transitions® Gen S™ Colors Base Curves	NEW S S 0.5, 2, 3, 4, 5, 6, 7, 8	S S 0.5, 2, 3, 4, 5, 6, 7, 8	S S 0.5, 2, 3, 4, 5, 6, 7, 8	S S 0.5, 2, 3, 4, 5, 6, 7, 8	S S 0.5, 2, 3, 4, 5, 6, 7, 8	S S 0.5, 2, 3, 4, 5, 6, 7, 8
Camber Transitions® XTRActive® New Gen™ Colors Base Curves		NG NG 0.5, 2, 3, 4, 5, 6, 7, 8	NG NG 0.5, 2, 3, 4, 5, 6, 7, 8		NG NG 0.5, 2, 3, 4, 5, 6, 7, 8	NG NG 0.5, 2, 3, 4, 5, 6, 7, 8
Camber Transitions® XTRActive® Polarized™ Colors Base Curves		P 0.5, 1, 2, 3, 4, 5, 6, 7, 8	P 0.5, 2, 3, 4, 5, 6, 7, 8		P 0.5, 2, 3, 4, 5, 6 , 7	
Camber Transitions® Drivewear® Color Base Curves		D 0.5, 2, 3, 4, 5, 6, 7, 8				
Camber NuPolar® Colors Base Curves	N N 0.5, 2, 3, 4, 5, 6, 7, 8	N N 0.5, 2, 3, 4, 5, 6, 7, 8		N N 0.5, 2, 3, 4, 5, 6, 7, 8	N N 0.5, 2, 3, 4, 5, 6, 7, 8	

Colors:

- C Clear
- U Clear UV420
- S *Transitions® Gen S™* Gray
- S *Transitions® Gen S™* Brown
- NG *Transitions® XTRActive® New Gen™* Gray
- NG *Transitions® XTRActive® New Gen™* Brown
- P *Transitions® XTRActive® Polarized™* Gray
- D *Transitions® Drivewear®**
- N *NuPolar®* Gray-3 (Gray)
- N *NuPolar®* Brown

* *Transitions Drivewear* lens color is dependent on lighting conditions.

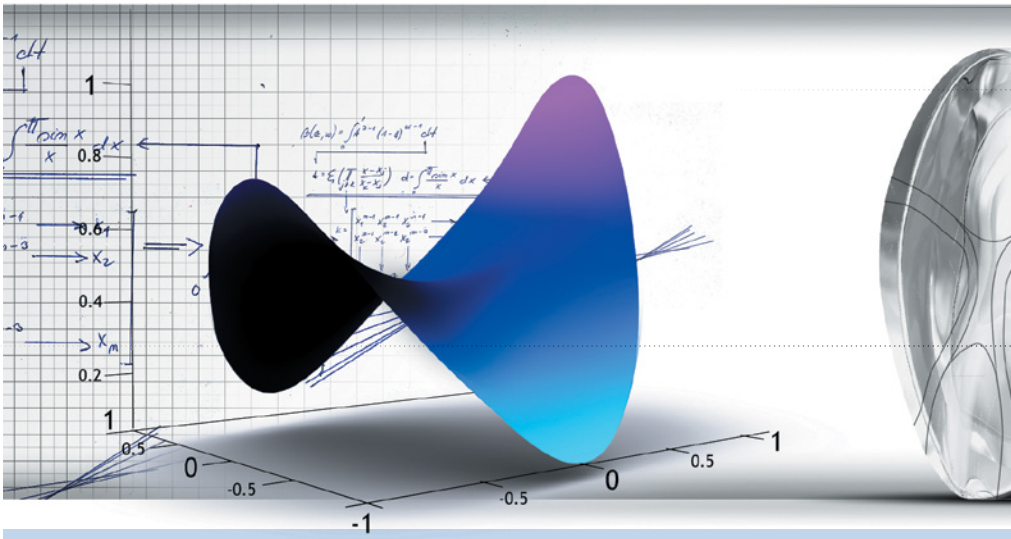
IMAGE® PROGRESSIVE LENSES

From Mathematics to Award-winning Lens Design

Advanced lens design technology and a desire to attain optimum wearer comfort in all viewing zones were the design principles that brought the IMAGE progressive to life. Eye-path tracing technology has been utilized to analyze and understand what the wearer sees in all viewing areas, in all prescriptions, in many different lifestyle activities.

IMAGE provides stabilized viewing zones in all prescriptions, ensuring the reading area is not compromised as the add power increases. IMAGE boasts one of the widest distortion free distance zones in the industry, which is an essential attribute for a quality progressive design.

IMAGE designs are available in a very wide range of lens materials and lens treatments.



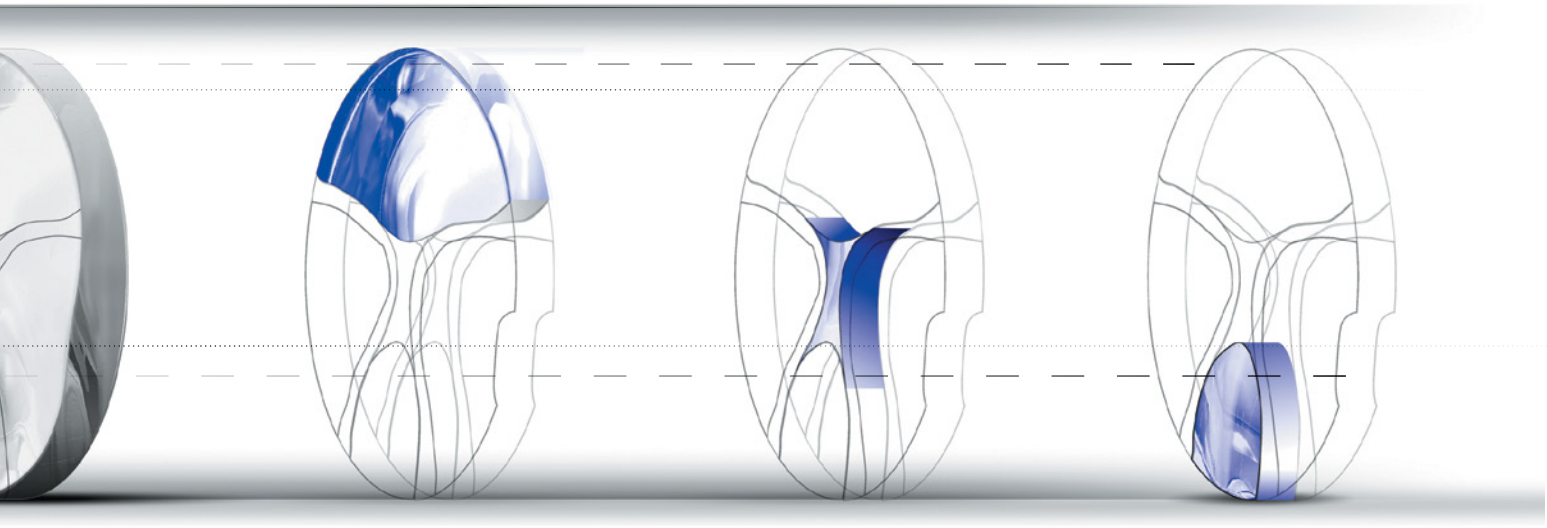
State of the art mathematics to world class progressive lens design

IMAGE Wrap® Decentered Progressive Polarized Lens

The IMAGE Wrap lens design is decentered to maximize the usable lens area, and the low level of unwanted astigmatism in the periphery of the distance zone makes it an ideal choice for high end wrap styles.

Available in polycarbonate in a +8 base curve, the design is decentered 7mm to allow for maximum cut-out opportunity. With an effective blank size of 83mm, no secondary calculations are necessary for use. Great for narrow PD's.

IMAGE®



Distance Zone

IMAGE features a large and clear distance, particularly important for outdoor activities, driving, and sunwear

Intermediate Zone

Both functional and practical to accommodate the widest range of frame sizes

Reading Zone

Stabilized near zone ensures easy adaptation and patient satisfaction when reading

Polarized Sunwear

Fit premium IMAGE® NuPolar® polarized lenses with today's premium sunglass frames. No need to compromise technology and performance on Rx sunglasses due to cut-out issues. With one of the widest distance zones in the industry, the IMAGE progressive design is ideal for sunwear.

Rimless or Drilled Frames

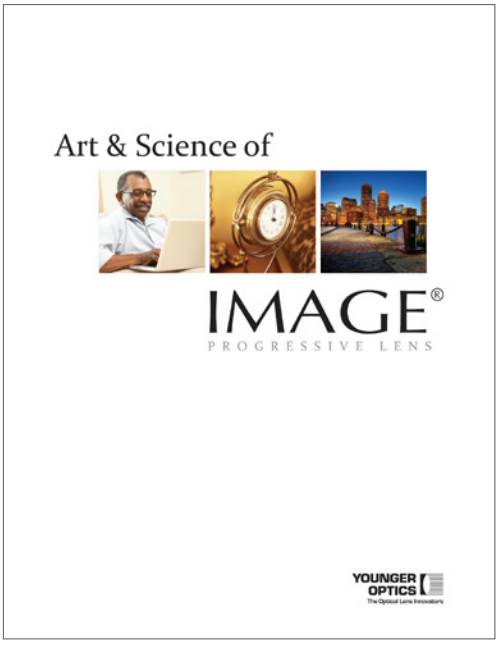
Rimless high fashion frames are elegant, yet these frames present lots of challenges. IMAGE is available in Trilogy®, polycarbonate, and High Index 1.67 MR-10™ materials, giving you flexibility when balancing the factors of material strength, optics, weight, and progressive design.

Fashionable Small Frames

Small frames are particularly challenging for progressive lenses. IMAGE balances a clear unobstructed distance area with a short corridor, allowing fitting heights as low as 18mm.

For even shorter fitting heights, try the ADAGE® ultra-short corridor progressive lens with a minimum fitting height of 13mm. Please contact your Younger Optics representative for more information.

EDUCATIONAL & MARKETING MATERIALS



The Art & Science of Image Booklet

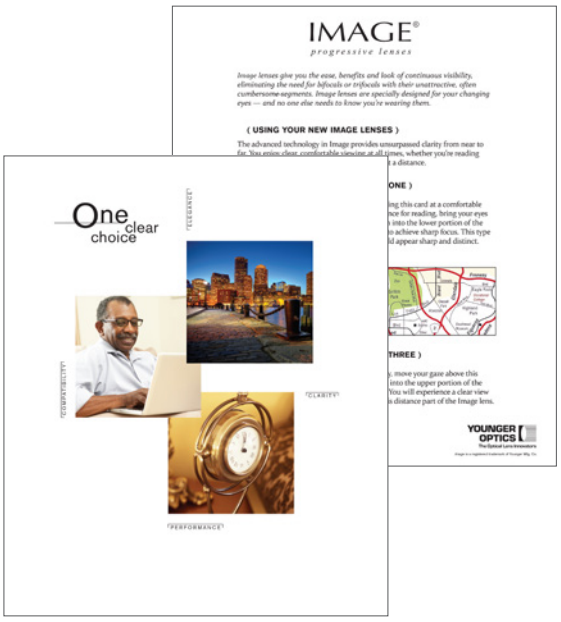


Image Reading Card

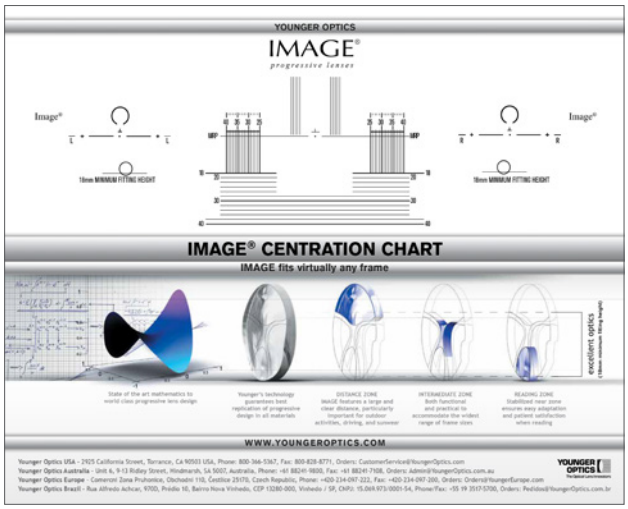


Image Centration Chart

Image Patient Brochure

To request materials, contact ***marketing@youngeroptics.com****.*

IMAGE®

Lens Style	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-10™)
IMAGE® Clear Base Curves *Add Range*	C 2, 4, 6, 8 *1.00 - 3.00*	C 2, 4, 6, 8 *1.00 - 3.00*	C 2, 4, 6, 8 *1.00 - 3.00*	C 1, 3, 5, 7 *1.00 - 3.50*
IMAGE Transitions® Gen S™ Colors Base Curves *Add Range*	S S 2, 4, 6, 8 *1.00 - 3.00*	S S 2, 4, 6, 8 *1.00 - 3.00*	S 2, 4, 6, 8 *1.00 - 3.00*	S 1, 3, 5, 7 *1.00 - 3.50*
IMAGE Transitions® XTRActive® Color Base Curves *Add Range*	X 2, 4, 6, 8 *1.00 - 3.00*	NG NG 2, 4, 6, 8 *1.00 - 3.00*		
IMAGE Transitions Drivewear® Color Base Curves *Add Range*		D 2, 4, 6, 8 *1.00 - 3.00*		
IMAGE NuPolar® Colors Base Curves *Add Range*	N N 2, 4, 6, 8 *1.00 - 3.00*	N N 2, 4, 6, 8 *1.00 - 3.00*		
IMAGE Wrap® NuPolar Color Base Curves *Add Range*		N 8 *1.00 - 3.00*		

Colors:

- C Clear
- S *Transitions® Gen S™* Gray
- S *Transitions® Gen S™* Brown
- X *Transitions® XTRActive®* Gray
- NG *Transitions® XTRActive® New Gen™* Gray
- NG *Transitions® XTRActive® New Gen™* Brown
- D *Transitions® Drivewear®**
- N NuPolar® Gray-3 (Gray)
- N NuPolar® Brown

* *Transitions Drivewear* lens color is dependent on lighting conditions.

*For complete Rx ranges & tech specs, see **youngeroptics.com/EN/TechnicalSpecifications**.*

TRILOGY® LENSES

What do patients want in a lens? BALANCE.

Optically Superior

Compared to the other thin and light materials available, Trilogy offers sharper vision. This is because Trilogy lenses, an optically superior material that **reduces chromatic aberration,** the annoying tendency of some lenses to create colored blur around objects, particularly in the periphery. If your patient's work or hobbies demand clear vision, or if your older patient's visual acuity needs a little extra help, prescribe Trilogy lenses.

Light and Thin

Patients want comfort and good looking lenses. Trilogy lenses, an ultra lightweight material that practically floats on water. They are thin as well as lightweight, so not only are the lenses cosmetically appealing, your patients' glasses won't slide down or leave nasty marks on the bridge of their noses.

Safety

Trilogy lenses are made with a material that has **exceptionally high impact resistance.** This material was originally developed to be used in military applications.

For impact resistance, many times the FDA requirement, you can recommend Trilogy or you can give polycarbonate, a lens which may compromise visual clarity. Why compromise? With Trilogy, patients can protect their vision and enjoy superb optics. And for added benefit, Trilogy lenses are 100% UV blocking.

Rimless Eyewear Advantage

Trilogy lenses are the best choice for wearers of **rimless eyewear frames** because this lens material is highly resistant to splintering and breakage at the point where the frame is attached to the lens.

	Trilogy	Polycarbonate	High Index
Clear, Crisp Vision	●	○	○
Lightweight	●	●	○
Safety	●	●	○
Thin	●	●	●

TRILOGY®

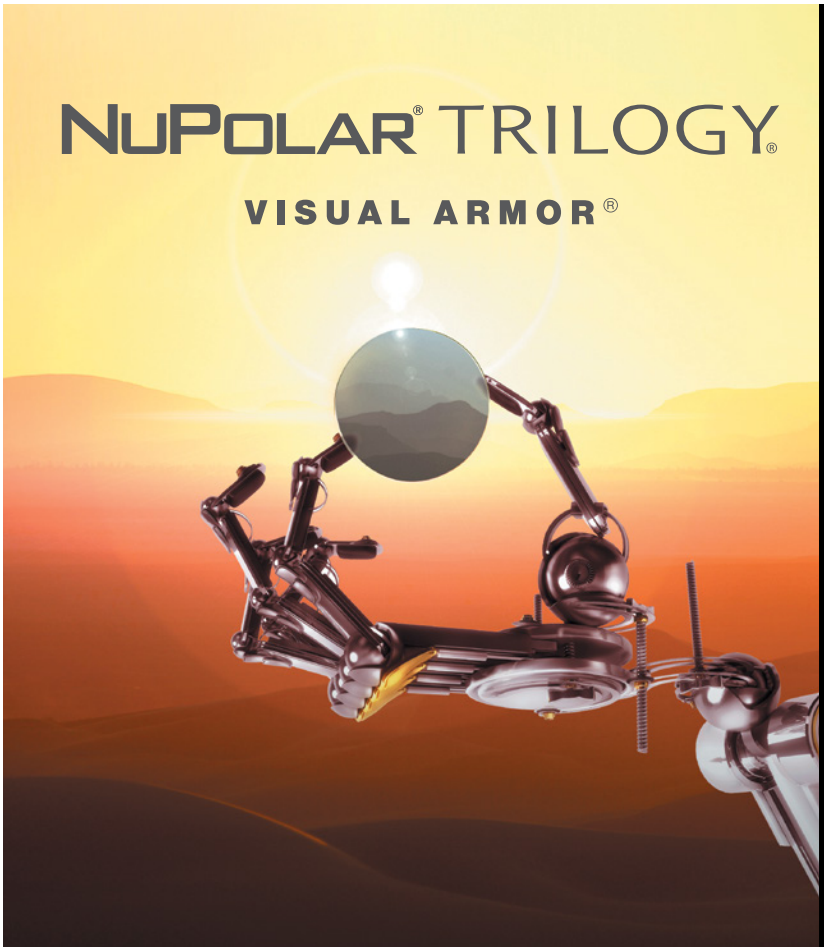
NuPolar® Trilogy®

Over five years in development and covered by multiple patents, Younger Optics presents the ultimate in sunwear optics and protection.

Trilogy® was based on research originally developed for the military as visual armor. That research fueled efforts to bring together impact protection, great optics, light weight and chemical resistance all in one innovative Rx lens: Trilogy.

Now, combine those advanced lens characteristics with NuPolar®, the world's leading Rx polarized technology, to give the eyewear market an incomparable sunwear combination: NuPolar Trilogy lenses.

While you might not use these lenses under the same intense conditions as the military, why give your eyes anything less than the material protection and benefits of Trilogy lenses plus the sunwear protection of NuPolar?



Exceptional Impact Strength

Uncompromised Optics
45 Abbe

Unmatched Chemical Resistance

Light Weight
1.10 Specific Gravity

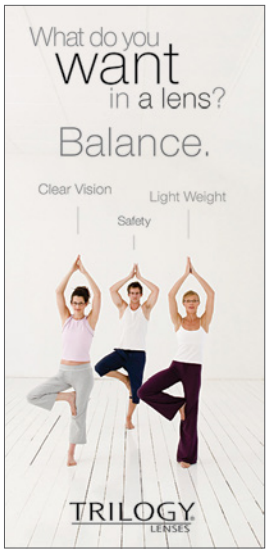
Blocks Blinding Glare

Blocks 100% of UVA & UVB

NuPolar Quality
World #1 Market Leader in Rx Polarized Lenses

EDUCATIONAL & MARKETING MATERIALS

Trilogy Flyer



Trilogy
Patient Brochure

NuPolar Trilogy
Patient Brochure

*To request materials, contact **marketing@youngeroptics.com**.*

TRILOGY®

▼ NEW ▼

Lens Style	Single Vision Spherical	Single Vision Aspheric	Progressive	Camber™ Lens Blank	Bifocal	Trifocal
Clear Base Curves *Add Range*	C 75mm diameter 0.5, 1, 2, 3, 4, 5, 6, 7, 8 C 65mm diameter 0.5, 1, 2, 3, 4, 5, 6, 7, 8	C 0.5, 1, 2, 3, 3.5, 4, 5, 6, 7	C IMAGE® 2, 4, 6, 8 *1.00 - 3.00* C ADAGE® 2, 4, 6, 8 *0.75 - 3.50*	C 0.5, 2, 3, 4, 5, 6, 7, 8	C FT28 2, 4, 6, 8 *1.00 - 3.50* ▼ NEW ▼ C FT35 2, 4, 6, 8 *1.00 - 3.50*	C 7x28 4, 6, 8 *1.50 - 3.50*
Transitions® Signature® Colors Base Curves *Add Range*					T T FT28 2, 4, 6, 8 *1.00 - 3.50*	
Transitions® Gen S® Colors Base Curves *Add Range*	S S 1, 2, 3, 4, 5, 6, 7, 8		S IMAGE® 2, 4, 6, 8 *1.00 - 3.00*	S S 0.5, 2, 3, 4, 5, 6, 7, 8		
Transitions® XTRActive® Colors Base Curves	NG NG 1, 2, 3, 4, 5, 6, 7, 8			NG NG 1, 2, 3, 4, 5, 6, 7, 8		
Transitions® XTRActive® Polarized™ Color Base Curves	P 1, 2, 3, 4, 5, 6, 7, 8			P 1, 2, 3, 4, 5, 6, 7, 8		
Transitions® Drivewear® Color Base Curves	D 2, 4, 6, 8					
NuPolar® Colors Base Curves	N N 2, 4, 6, 8					

Colors:

- C Clear
- T *Transitions® Signature®* Gray
- T *Transitions® Signature®* Brown
- S *Transitions® Gen S™* Gray
- S *Transitions® Gen S™* Brown
- NG *Transitions® XTRActive® New Gen™* Gray
- NG *Transitions® XTRActive® New Gen™* Brown
- P *Transitions® XTRActive® Polarized™* Gray
- D *Transitions® Drivewear®**
- N NuPolar® Gray-3 (Gray)
- N NuPolar® Brown

Finished single vision lenses and plano sunwear lenses are listed on page 43.

*For complete Rx ranges & tech specs, see **youngeroptics.com/EN/TechnicalSpecifications**.*

* *Transitions Drivewear* lens color is dependent on lighting conditions.

Transitions®
gen S

ULTRA DYNAMIC LENSES

Extra dark outdoors to protect your eyes from bright sun, even in the hottest conditions

Darken behind the windshield to protect drivers' eyes from sunlight

OUTDOORS IN DAYLIGHT // Extra Dark

INDOORS & NIGHTTIME //
Clear with a hint of proactive tint

XTRACTIVE®
NEW GENERATION

BEST XTRA DARKNESS

BEST XTRA LIGHT PROTECTION

GRAY

BROWN

XTRACTIVE®
POLARIZED

Polarization adjusts according to the level of glare outdoors

Noticeably crisper, sharper vision outdoors

OUTDOORS IN DAYLIGHT //
Extra Dark with Dynamic Polarization

INDOORS & NIGHTTIME //
Clear with a hint of protective tint

GRAY WITH
DYNAMIC POLARIZATION

TRANSITIONS®

POLYCARBONATE COMPOSITE MULTIFOCALS

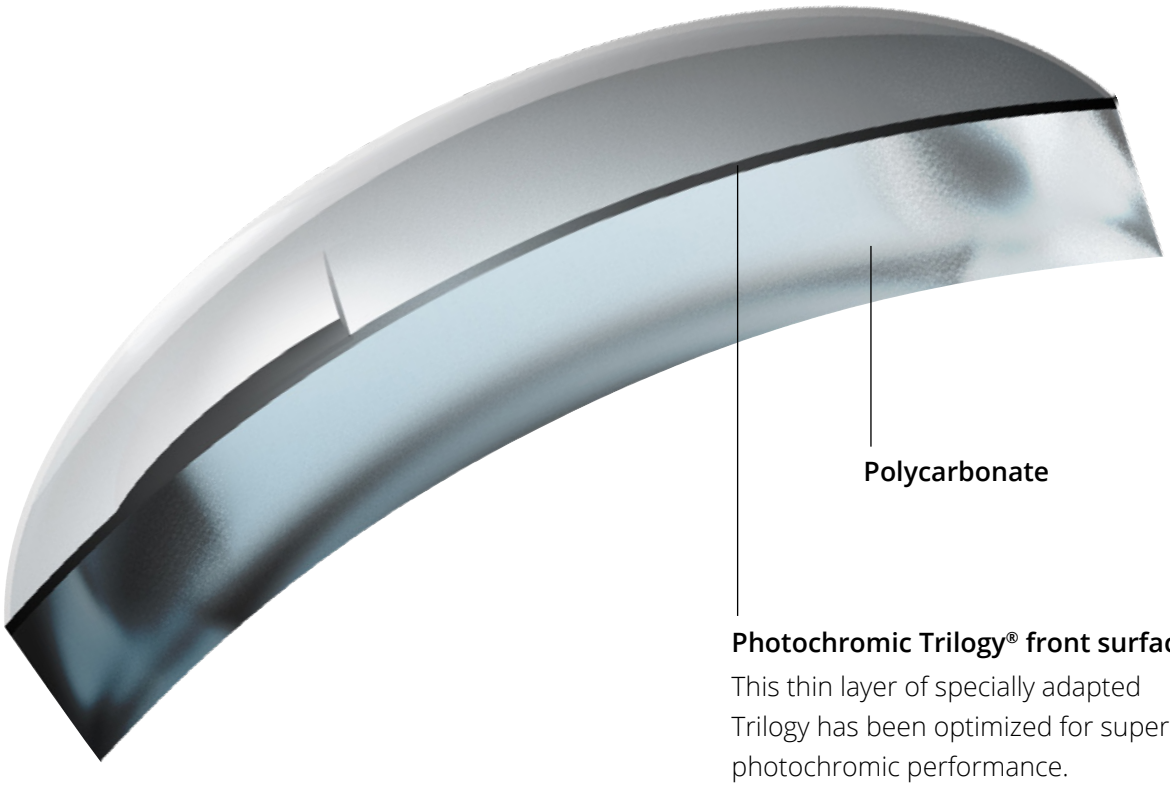
This unique technology gives more multifocal wearers the opportunity to experience unsurpassed *Transitions*® photochromic performance!

Transitions Optical uses a proprietary process to make polycarbonate lenses photochromic. While this process works for a variety of lens geometries, it is not compatible with segmented lenses such as bifocals and trifocals. This has meant that previously, bifocal and trifocal lenses were not available with Transitions® technology in polycarbonate.

However, Younger Optics and Transitions Optical recently developed a polycarbonate composite lens that incorporates a thin photochromic front surface multifocal layer made with Trilogy® — resulting in a lens delivering Transitions performance in a product that is surfaced, polished, edged and dispensed just like a clear polycarbonate lens!

Transitions polycarbonate composite lenses:

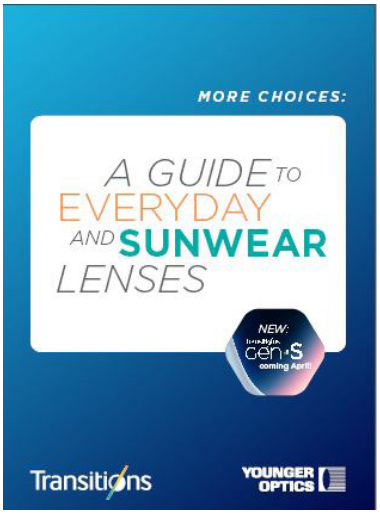
- Are available in *Transitions*® *Signature*® gray and brown: FT28 bifocal, FT35 bifocal, and 7 x 28 trifocal
- Are available in *Transitions*® *XTRActive*® gray: FT28 bifocal
- Are made with a unique photochromic Trilogy® layer that provides unsurpassed Transitions performance
- Process just like polycarbonate lenses
- Have a 1.59 index, which is the same as polycarbonate lenses
- Have superb segment cosmetics
- Use an integral chemical bond that will not separate
- Have excellent impact resistance



Photochromic Trilogy® front surface

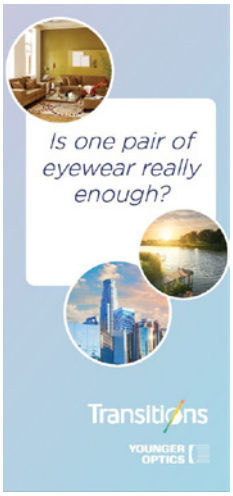
This thin layer of specially adapted Trilogy has been optimized for superb photochromic performance.

EDUCATIONAL & MARKETING MATERIALS

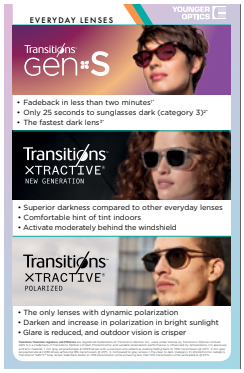


More Choices: A Guide to Everyday and Sunwear Lenses Booklet

Inside



More Choices Patient Brochure



More Choices Pocket Card

*To request materials, contact **marketing@youngeroptics.com**.*

EDUCATIONAL & MARKETING MATERIALS

The Art & Science of
Transitions® XTRActive® Polarized
Booklet

Transitions® XTRActive® Polarized Flyer

Transitions® XTRActive® New Gen Flyer

TRANSITIONS® GEN S™

Lens Style	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
Single Vision Colors Base Curves	0.5, 2, 3.5, 4, 5, 6, 7, 8, 10	0.5, 1, 2, 3, 4, 5, 6, 7, 8		0.5, 1, 2, 3, 4, 5, 6, 7, 8	1, 1.5, 3, 4, 5, 6, 7	
Single Vision Gray and Brown Base Curves			1, 2, 3, 4, 5, 6, 7, 8			0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Camber™ Lens Blank Colors & Base Curves	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8	0.5, 2, 3, 4, 5, 6, 7, 8
IMAGE® Progressive Colors Base Curves *Add Range*	2, 4, 6, 8 *1.00 - 3.00*	2, 4, 6, 8 *1.00 - 3.00*	2, 4, 6, 8 *1.00 - 3.00*		1.5, 3, 5, 7 *1.00 - 3.50*	
FT28 Bifocal Colors & Base Curves *Add Range*	0.5, 2, 4, 6, 8 *1.00 - 3.00*	2, 4, 6, 8 *1.00 - 3.50*	2, 4, 6, 8 *1.00 - 3.50*			
FT28 Bifocal Hi-Add Colors & Base Curves *Add Range*	4, 6, 8 *3.25 - 4.00*					
FT35 Bifocal Colors & Base Curves *Add Range*	4, 6, 8 *0.75 - 4.00*	2, 4, 6, 8 *1.00 - 3.50*				
7 x 28 Trifocal Colors & Base Curves *Add Range*	4, 6, 8 *1.50 - 4.00*	4, 6, 8 *1.50 - 3.50*				
8 x 35 Trifocal Color & Base Curves *Add Range*	4, 6, 8 *1.50 - 4.00*					

Colors:

- *Transitions® Signature® Gen 8™* Gray
- *Transitions® Signature® Gen 8™* Brown
- *Transitions® Signature® Gen 8™* Amethyst
- *Transitions® Signature® Gen 8™* Sapphire
- *Transitions® Gen S™* Gray
- *Transitions® Gen S™* Brown
- *Transitions® Gen S™* Graphite Green
- *Transitions® Gen S™* Sapphire
- *Transitions® Gen S™* Amethyst
- *Transitions® Gen S™* Amber
- *Transitions® Gen S™* Emerald
- *Transitions® Gen S™* Ruby

Finished single vision lenses are listed on page 43.

*For complete tech specs, see **youngeroptics.com/EN/TechnicalSpecifications***

**Younger Optics polycarbonate-composite material.*

TRANSITIONS® XTRACTIVE®

Lens Style	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
Single Vision Colors Base Curves	NG NG 0.5, 2, 4, 5, 6, 8	NG NG 0.5, 1, 2, 3, 4, 5, 6, 7, 8	NG NG 1, 2, 3, 4, 5, 6, 7, 8		NG NG 1, 2, 3, 4, 5, 6, 7, 9, 12	NG NG 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
	P 0.5, 2, 3, 4, 5, 6, 7, 8	P 0.5, 1, 2, 3, 4, 5, 6, 7, 8	P 1, 2, 3, 4, 5, 6, 7, 8		P 1, 2, 3, 4, 5, 6 , 7	
IMAGE® Progressive Colors Base Curves *Add Range*	X 2, 4, 6, 8 *1.00 - 3.00*	NG NG 2, 4, 6, 8 *1.00 - 3.00*				
FT28 Bifocal Colors Base Curves *Add Range*	X X 0.5, 2, 4, 6, 8 *1.00 - 3.00*	X* 2, 4, 6, 8 *1.00 - 3.50*				
7 x 28 Trifocal Colors Base Curves *Add Range*	X 4, 6, 8 *1.50 - 4.00*					

Colors:

- NG *Transitions® XTRActive® New Gen* Gray
- NG *Transitions® XTRActive® New Gen* Brown
- X *Transitions® XTRActive®* Gray
- X *Transitions® XTRActive®* Brown
- P *Transitions® XTRActive® Polarized™* Gray

Finished single vision lenses are listed on page 43.

*For complete tech specs, see **youngeroptics.com/EN/TechnicalSpecifications***

**Younger Optics polycarbonate-composite material.*

HIGH INDEX UV 420

"UV420" Semi-finished Clear Lenses: Polycarbonate & High Index 1.60, 1.67 & 1.74

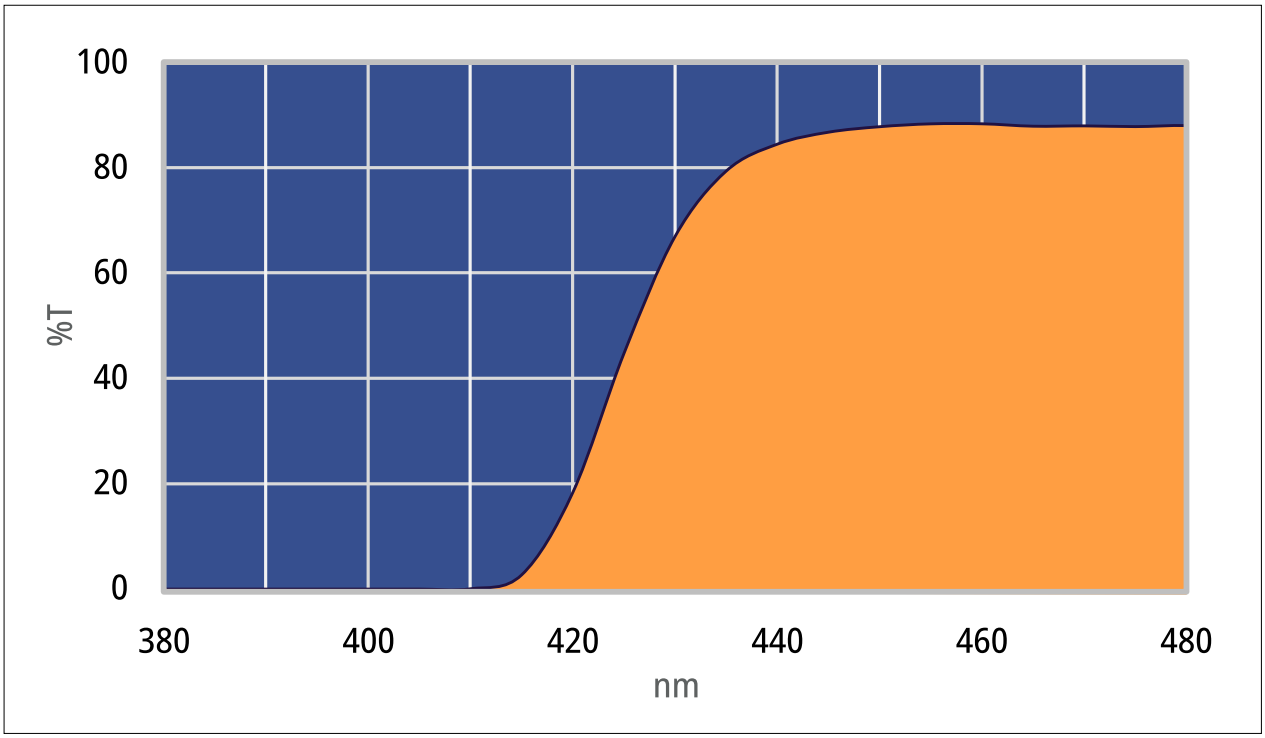
Younger Optics UV420 clear lenses effectively block 100% of UVA and UVB rays, and also attenuate 80% of high-energy visible light (HEV light) at 420 nm.

HEV light may possibly be a contributing factor to digital eye fatigue or Computer Vision Syndrome (CVS).

HEV from the sun can have a cumulative negative effect on the biological structures of the eye.

UV 420

Transmission Chart



Availability:

SFSV High Index 1.60 Clear, *Uncoated & Hardcoated*

SFSV High Index 1.67 Clear, *Uncoated & Hardcoated*

SFSV High Index 1.74 Clear, *Uncoated & Hardcoated*

Camber Polycarbonate Clear

Camber High Index 1.60 Clear

Camber High Index 1.67 Clear

Camber High Index 1.74 Clear

Camber is available through select independent laboratories.

All measurements completed using Hunter Ultrascan Pro, 2mm thickness, D65 10°.

HIGH INDEX

High Index Everyday and Sunwear Lenses

Available in Clear, Transitions Signature®, Transitions® XTRActive®, and NuPolar® lenses

High Index lenses are a premium choice for patients with high prescriptions who want minimal lens thickness. These thinner, high index lenses give your patients more cosmetically appealing eyewear, and are especially recommended for drilled rimless eyewear, where thin is always in. When lens thickness consideration is essential, prescribe High Index lenses.

Younger Optics' High Index 1.74, 1.67, 1.60 lenses are made from MR-174™, MR-10™ and MR-8™ resins from Mitsui Chemicals.

High Index 1.74 lenses in clear, *Transitions® Signature™*, and *NuPolar®* polarized.

High Index 1.74 lenses are also available in clear *finished* double-sided aspheric single vision, p. 43.

NuPolar® High Index 1.60 & 1.67 single vision lenses are available in three colors and eight base curves.

NuPolar® High Index 1.74 single vision lenses are available in two colors and four base curves.

HIGH INDEX

Lens Style	1.60 (MR-8™)	1.67 (MR-10™)	1.74 (MR-174™)
Single Vision Clear Color Base Curves	C 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	C 0.5, 1, 2, 3, 4, 5, 6, 7, 9, 12	C 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Single Vision Clear UV 420 Color Base Curves	U 1, 2, 3, 4, 5, 6, 7, 8 (73 mm)	U 1, 2, 3, 4, 5, 6, 7, 9 (70 mm), 12 (65 mm)	U 1, 2, 3, 4, 5, 6, 7, 9 (70 mm), 12 (65 mm)
Single Vision Transitions® Colors Base Curves	S S 0.5, 1, 2, 3, 4, 5, 6, 7, 8	S S NG NG 1, 1.5, 3, 4, 5, 6, 7	S S 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Single Vision NuPolar® Colors Base Curves	N N N 1, 2, 3, 4, 5, 6, 7, 8	N N N 0.50, 1, 2, 3, 4, 5, 6, 7, 9, 12	▼ NEW ▼ N N N 0.50, 2, 4, 6, 8
Single Vision NuPolar Extra Large (80.5mm) Colors Base Curves		N N 4, 6, 8	
Transitions Drivewear® Color Base Curves		D 2, 4, 6, 8	
Camber™ Lens Blank Colors Base Curves	C S S N N 0.5, 2, 3, 4, 5, 6, 7, 8	C S S NG NG N N 0.5, 2, 3, 4, 5, 6, 7, 8	S S NG NG 0.5, 2, 3, 4, 5, 6, 7, 8
IMAGE® Progressive Colors Base Curves *Add Range*		C S 1, 3, 5, 7 *1.00 - 3.50*	
FT28 Bifocal Color Base Curves *Add Range*		C 1, 3, 5, 7 *1.00 - 3.50* N N 2, 4, 6, 8 *1.50 - 3.00*	C 0.75, 2.25, 3.5, 5, 6.25, 7.25 *1.00 - 3.50*

For complete tech specs, see ***youngeroptics.com/EN/TechnicalSpecifications***

Colors:

- C Clear
- U UV 420 Clear
- S *Transitions® Gen S™* Gray
- S *Transitions® Gen S™* Brown
- NG *Transitions® XTRActive® New Gen* Gray
- NG *Transitions® XTRActive® New Gen* Brown
- N NuPolar® Gray
- N NuPolar Brown
- N NuPolar Green
- X *Transitions® XTRActive®* Gray
- X *Transitions® XTRActive®* Brown
- D *Transitions® Drivewear®*

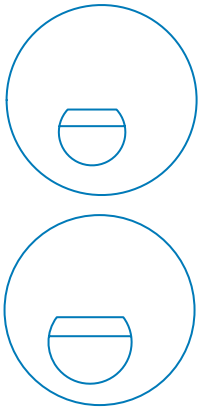
MULTI-FOCAL & SPECIALTY LENSES

With over 60 years of lens innovation, Younger Optics continues to provide many unique specialty and occupational lenses.

Single Vision High Base

With a nominal curve of 12.25, this lens is suitable for prescriptions from +5.25 D to +10.00 D.

Flat Tops 28 & 35



Many patients still prefer a classic flat top bifocal lens. Besides clear hard resin, Younger Optics is proud to offer an exclusive Transitions polycarbonate-composite material with excellent segment cosmetics. More on this amazing technology on pp 30 & 31.

Flat Tops 28 & 35, High-Add

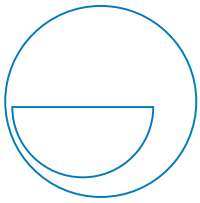
Both styles are available with adds from +4.50 D to +8.00 D for 4 base, and +4.50 D to 6.00 D for 6 base..

Flat Top 35, 80mm Large Diameter

For larger frames. 4, 6, 8 base curves. +0.75 to +4.00 D add range.

Flat Top 45

The FT45 offers a great alternative for the "executive" across-the-lens multi-segment, because it is easier to process and coat; it offers faster turnaround with less cost in some cases; and the finished lens is more attractive, and fits nicely into more frames.



Double D Flat Top 28

Presbyopic patients may have occupations that require accurate near vision above, as well as below, the eye level. If regular bifocals are prescribed, these patients must bend their necks back to an uncomfortable position in order to see in the near zone. Some examples of this are auto mechanics, carpenters, electricians, and painters.

The Double Segment can be ordered with both flat top segments in equal powers, or with the top segment's power at approximately 62% of the power of the bottom segment.

Round Segment 22 & Round Segment 40

Sometimes prescribed as a pediatric or occupational multifocal, round seg lenses are an alternative for flat top or progressive lenses.

Trifocals: 7x28 & 8x35

Trifocal lenses are best for patients who prefer an alternative to progressive lenses. Trifocals consist of three regions (distance, intermediate, and near) to help restore a broader range of vision. They are most helpful for people with advanced presbyopia who have been prescribed two diopters or more of reading addition. The intermediate addition is normally half the reading addition.

Seamless™ 28

The Younger Seamless lens was the first bifocal to offer the cosmetic benefits of being invisible, while attempting to correct some of the common dysfunctions of a segmented bifocal, such as jump and split images. It is also the easiest invisible product to fit and dispense. There are no monocular measurement requirements and processing is simple and easy.

MULTI-FOCAL & SPECIALTY

Lens Style	Hard Resin		Poly	Trilogy®	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
SV High Base Color & Base Curve	C 12					
Flat Top 28 Colors & Base Curves *Add Range*	C N N 2, 4, 6, 8 *0.75 - 4.00*	T T X X 0.5, 2, 4, 6, 8 *1.00 - 3.00*	T* T* X* 2, 4, 6, 8 *1.00 - 3.50* N N 2, 4, 6, 8 *1.00 - 3.00*	C T T 2, 4, 6, 8 *1.00 - 3.50*	C 1, 3, 5, 7 *1.00 - 3.50* N N 2, 4, 6, 8 *1.50 - 3.00*	C 0.75, 2.25, 3.5, 5, 6.25, 7.25 *1.00 - 3.50*
Flat Top 28, *High-Add* Colors & Base Curves *Add Ranges*	C 4, 6 *4.50 - 8.00***	T T 4, 6, 8 *3.25 - 4.00*				
Flat Top 35 Colors & Base Curves *Add Range*	C T T N 2, 4, 6, 8 *0.75 - 4.00*		T* T* 2, 4, 6, 8 *1.00 - 3.50*			
Flat Top 35, *High-Add* Color & Base Curves *Add Ranges*	C 4 *4.50 - 8.00*	C 6 *4.50 - 6.00*				
Flat Top 45 Color & Base Curves *Add Range*	C 4, 6, 8 0.75 - 3.00					
Double D Flat Top 28 Color & Base Curves *Add Range*	C 4, 6, 8 *1.00 - 3.00*					
7 x 28 Trifocal Colors & Base Curves *Add Range*	C T T X N 4, 6, 8 *1.50 - 4.00*		T* T* 4, 6, 8 *1.50 - 3.50*			
8 x 35 Trifocal Colors & Base Curves *Add Range*	C T 4, 6, 8 *1.50 - 4.00*					
Round Segs 22 & 40 Color & Base Curves *Add Range*	C 2, 4, 6, 8 *0.75 - 4.00*					
Seamless™ 28 Color & Base Curves *Add Range*	C 2, 4, 6, 8 *0.75 - 3.00*					

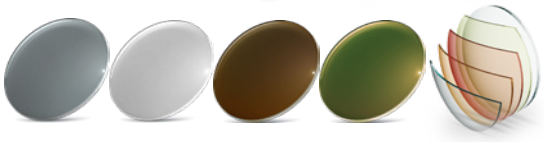
C Clear
T *Transitions® Signature®* Gray
T *Transitions® Signature®* Brown
X *Transitions® XTRActive®* Gray
X *Transitions® XTRActive®* Brown
N NuPolar® Gray-3 (Gray)
N NuPolar® Brown

**Younger Optics polycarbonate-composite material.*
For complete tech specs, see ***youngeroptics.com/EN/TechnicalSpecifications***

FINISHED SINGLE VISION & PLANO

Finished Everyday and Sunwear Lenses

Clear and Transitions everyday lenses



NuPolar and Transitions Drivewear polarized sun lenses

Younger Optics offers you the variety and convenience of finished lenses in many materials and lens treatments, allowing you to offer patients a product that provides the style and quality they deserve.

Super Hydrophobic AR Coating

Independent tests have shown Younger Optics' Super Hydrophobic AR outperforms many of the standard AR coatings in use today.

Super Hydrophobic AR is durable and will easily resist scratches during the life of the lens.

This coating protects against fingerprints, dust and dirt, making it easy to clean and maintain.

This Super Hydrophobic AR's low reflection property prevents annoying harsh reflections coming off the wearer's lenses, and has a pleasing uniform reflected color.

Super Hydrophobic AR lets more light through the lens, allowing the wearer to see clearer, sharper images.

This AR coating's hydrophobic properties allow water droplets to easily run off the surface of the lens so that no visible marks are left on the lens. The hydrophobic properties also help to remove smudges, dust, dirt and fingerprints easily.

Transitions® Finished Lenses

Transitions photochromic lenses are the best solution for patients' everyday pair. Reducing eyestrain and fatigue caused by changing light, they provide improved visual clarity indoors and outdoors. Transitions lenses provide comfortable vision in low to high lighting conditions and are good for nighttime driving. They are available in scratch-resistant hardcoat and easy to clean AR options.

Polarized Finished Lenses

Younger Optics is proud to offer two types of finished polarized lenses: NuPolar® and Transitions® Drivewear®.

NuPolar is the world's leading brand of polarized Rx lenses. When performance factors such as optics, polarizing efficiency, color consistency, and many other factors are taken into consideration, NuPolar quality is unequaled. These polarized sunwear lenses provide visual comfort, even in bright, blinding glare. They offer fixed, maximum polarization in several color options. With NuPolar lenses you can always be sure of receiving the most advanced and intelligently designed lens available.

Transitions Drivewear adaptive sun lenses are designed to meet the unique visual challenges of daytime driving. The high-efficiency polarizer blocks blinding glare both outdoors and behind the windshield, for a safer and more comfortable drive. Lens color and darkness continuously adapt to optimize color contrast in changing daylight conditions, even behind the windshield. Transitions Drivewear sun lenses are the only lenses that combine NuPolar polarizing technology and Transitions photochromic technology, making them the ultimate driving lens.

All finished lenses are available through your favorite laboratory.

FINISHED LENSES

Finished Single Vision Lenses

Lens Style	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-7™)	1.74 Hi-Index (MR-174™)
Finished Single Vision with Super Hydrophobic AR Colors	S S	S S	C	C Aspheric	C Double-Sided Aspheric
Finished Single Vision with Hardcoat Colors	S S NG NG	S S NG NG	C		

Plano Polarized Sunwear Lenses

Lens Style	Hard Resin	Poly	Trilogy®
Finished Plano Polarized – Uncoated Colors Base Curves	N N N N 6		
Finished Plano Polarized – Hardcoated Colors Base Curves		▼ NEW ▼ N N N 6, 8-decentered	N N 6 D* 6 *hardcoated*

Colors:

- C Clear
- S *Transitions® Gen S™* Gray
- S *Transitions® Gen S™* Brown
- NG *Transitions® XTRActive® New Gen™* Gray
- NG *Transitions® XTRActive® New Gen™* Brown
- D *Transitions® Drivewear®**
- N *NuPolar®* Gray (Gray-3)
- N *NuPolar®* Gray-1
- N *NuPolar®* Brown
- N *NuPolar®* Green

*Transitions Drivewear plano lenses are hardcoated.

*For complete tech specs, see **youngeroptics.com/EN/TechnicalSpecifications***

YOUNGER OPTICS
The Optical Lens Innovators

Transitions XTRACTIVE® POLARIZED

Transitions XTRACTIVE® NEW GENERATION

Transitions GEN S

NuPolar® polarized lenses

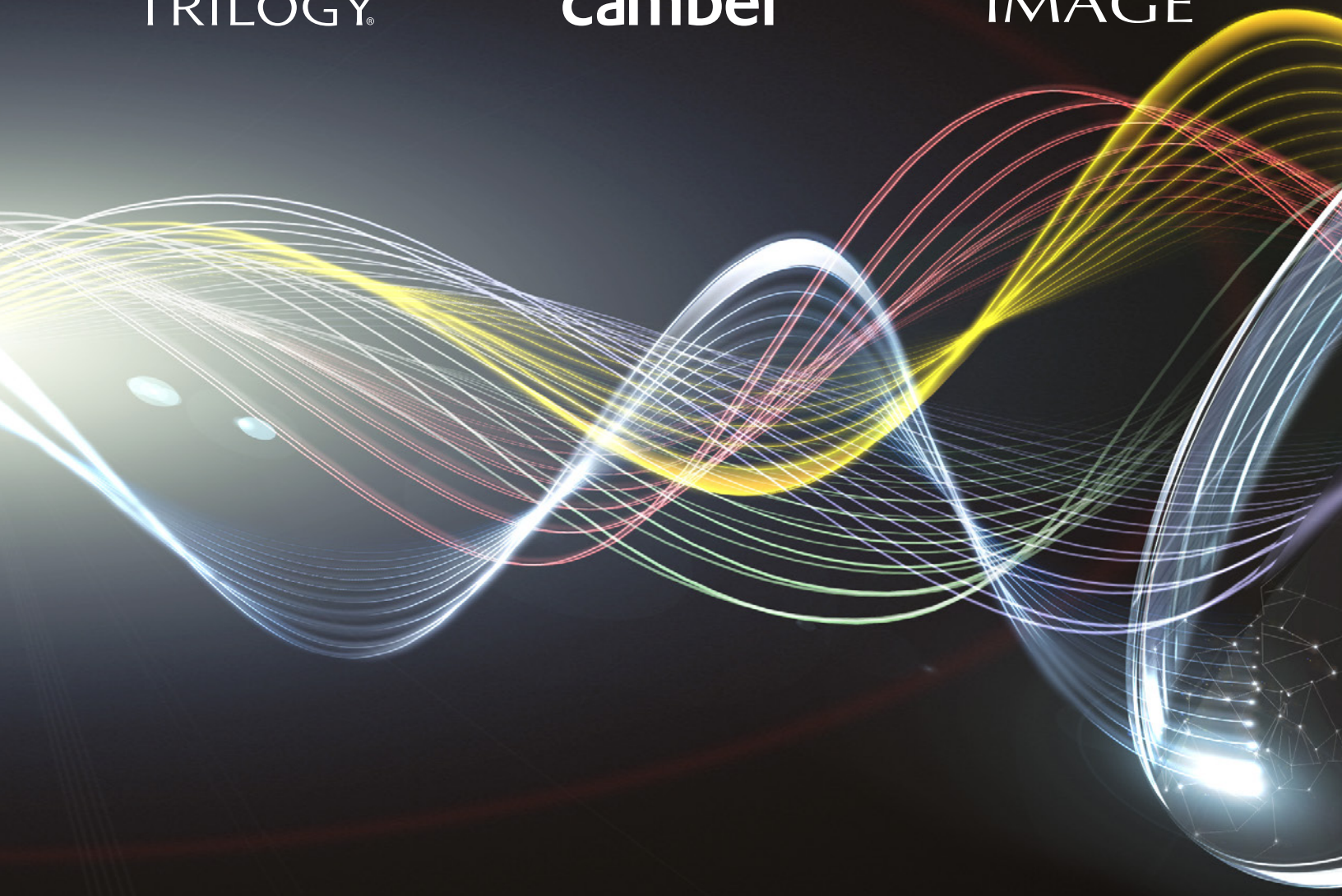
NUPOLAR® GRADIENT POLARIZED LENSES

LEDPRO® LED light controlling lens

TRILOGY®

camber™

IMAGE®



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Revised March 2026