



OAKLEY®

AUTHENTIC PRESCRIPTION

THE OAKLEY® BRAND

Mad scientist and innovator, Jim Jannard, started Oakley out of his garage in 1975 - with \$300 and the simple idea of making products rooted in the belief that everyone in the world can, and will, become better.

Over 40 years later, Oakley has matured into more than a sunglass company, becoming one of the leading product design and sport performance brands in the world.

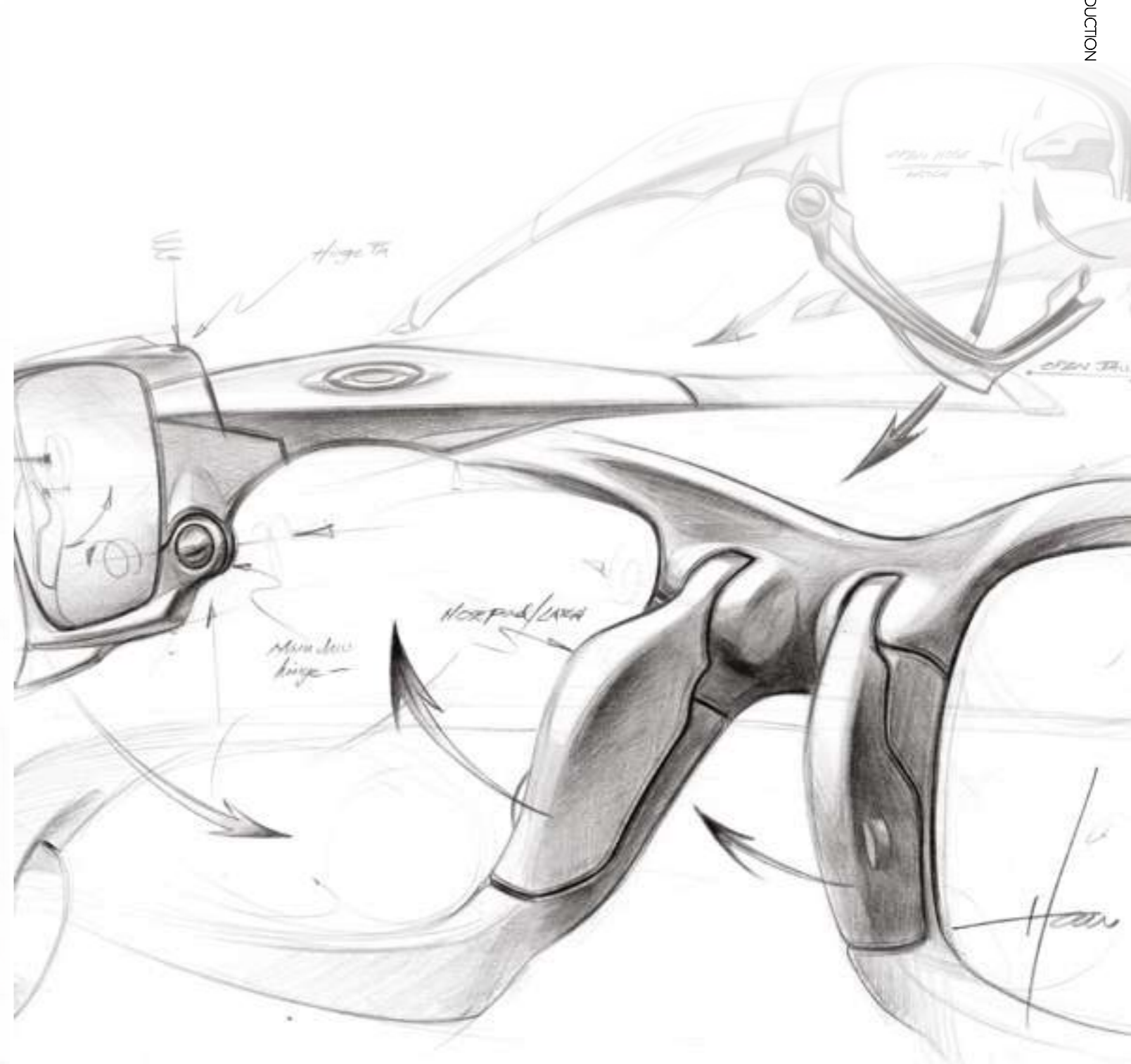
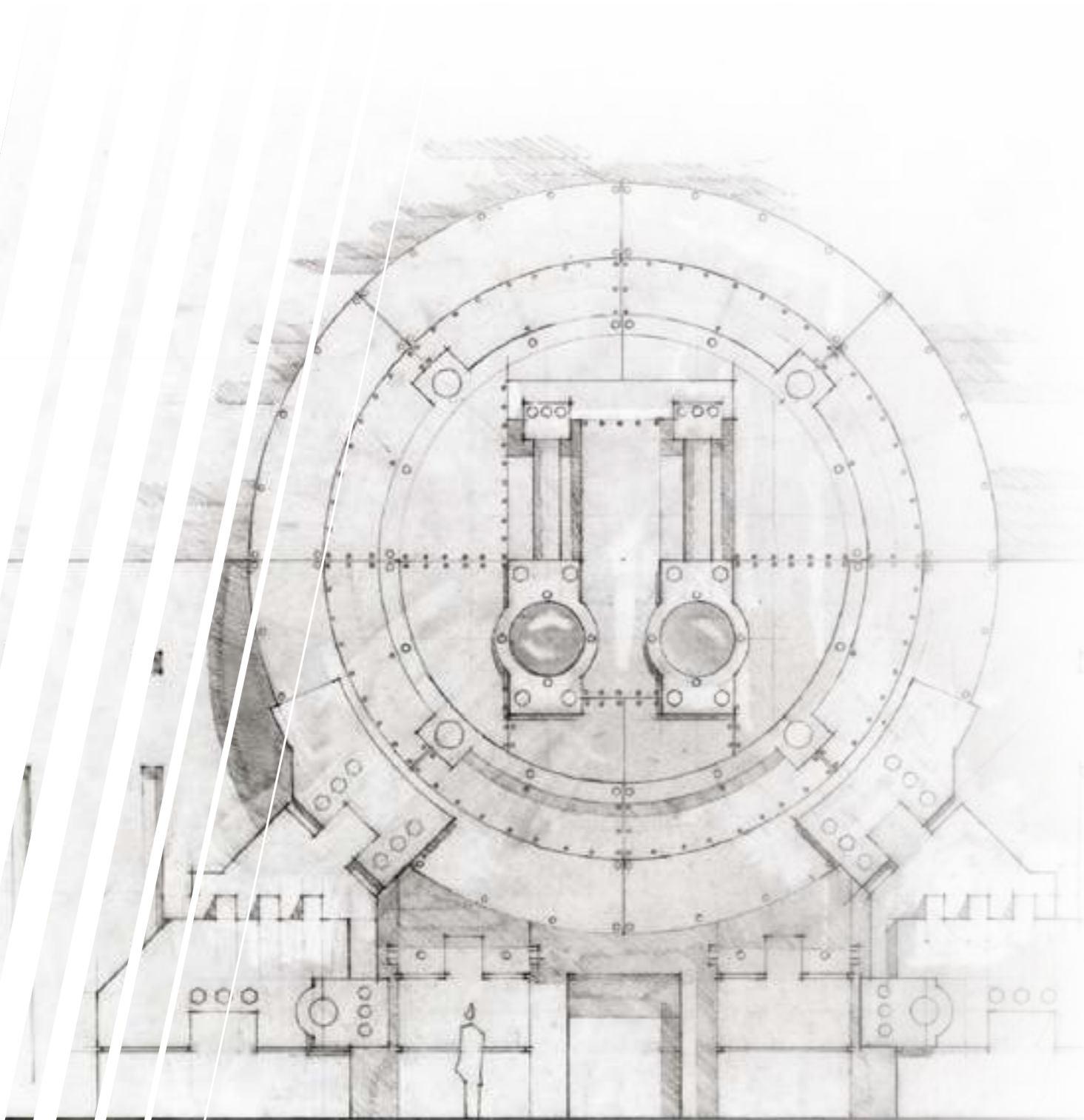
As pioneers of innovation and high performance optics, Oakley ignites and protects the quest for personal progression and individual expression.

SEEING IS BELIEVING

Oakley® eyewear is designed to perform for sport and everyday life. Rooted in over 40 years of history in innovation with products world-class athletes around the globe depend on to compete at the highest levels. Developing a lens is a perfect science. The closer you come to perfect, the better the experience.

All Oakley lenses and frames are purpose-built for each other, as one cohesive product designed to ensure maximized performance and comfort. Each cut of the lens is precise – too small of a cut and the lens will move within the frame, and too large of a cut and the lens will not fit properly.

It is Oakley's research, technologies, design, materials, testing and manufacturing that result in eyewear good enough for the world's best.



PRESCRIPTION CATEGORY HISTORY

A LOOK BACK AT HOW WE GOT HERE

The Oakley® Prescription Collection is engineered with premium performance materials, innovative technologies and iconic designs that are created to deliver unrivaled vision benefits and all-day comfort for life beyond sport.

Rooted in sport and performance, the key milestones that have shaped the Oakley brand in Prescription, include:

2021

 HEADSET COMPATIBLE STYLES DESIGNED SPECIFICALLY FOR GAMERS AND ESPORT ATHLETES

2019

 OAKLEY
 NEW LENS MATERIALS OAKLEY ADDS 4 NEW LENS MATERIALS TO ITS CLEAR LENS ASSORTMENT

2018

 PRIZM™ EVERDAY LENS TECHNOLOGY BECOMES AVAILABLE IN PRESCRIPTION

2017

 YOUTH PRESCRIPTION EYEWEAR MEETS THE DAILY NEEDS OF OAKLEY'S YOUNGEST CONSUMERS & ATHLETES

2015

 OAKLEY
 PRIZM™ SPORT LENS TECHNOLOGY IS AVAILABLE IN PRESCRIPTION

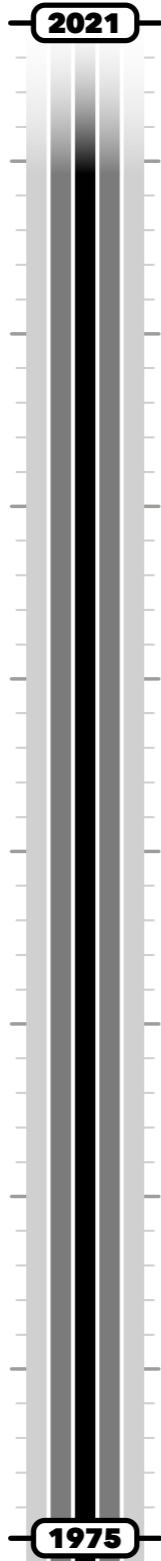
2011


 OAKLEY TRUE DIGITAL (OTD™), A DIGITAL FREEFORM DESIGN, TAKES THE LIMITS OFF PRESCRIPTION


1992


 OAKLEY ADDS PRESCRIPTION INSERTS TO SHIELD LENSES TO MEET THE DEMANDS OF ATHLETES


1975
 OAKLEY INC. ESTABLISHED





2020

 PRIZM™ GAMING LENS TECHNOLOGY


2019

 TRUBRIDGE™ + UNOBTAINIUM™, AN EVOLUTION OF TRUBRIDGE TECHNOLOGY, ENHANCED FOR SPORT

2018

 ACE FIT ADJUSTABLE TEMPLES FOR PERSONALIZED FIT

2016

 TRUBRIDGE™ TECHNOLOGY, A FRAME FITTING SYSTEM TO HELP PROVIDE AN OPTIMIZED FIT FOR THE 4 MOST COMMON NOSE BRIDGE WIDTHS AND DEPTHS

2014

 PRIZM™ LENS TECHNOLOGY CHANGES THE WAY CONSUMERS VIEW THE WORLD

2001

 OAKLEY OPHTHALMIC FRAME COLLECTION MEETS PRESCRIPTION NEEDS OUTSIDE OF SUN

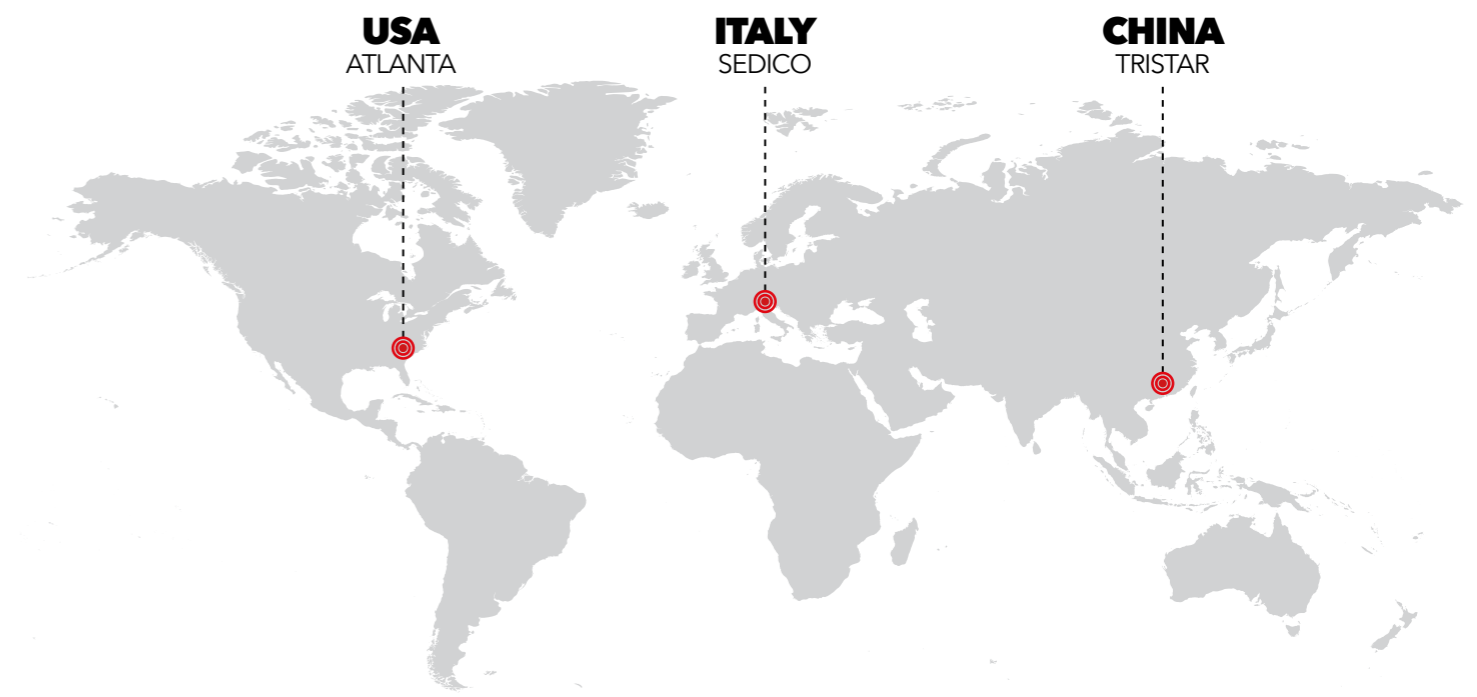
1989

 OAKLEY HIGH DEFINITION OPTICS
 HIGH DEFINITION OPTICS® (HDO®), OAKLEY'S LENS TECHNOLOGY HELPS ELIMINATE DISTORTION FOR THE MOST ACCURATE VISION

BUILT THE OAKLEY® WAY, AUTHENTICALLY

THE OAKLEY ADVANTAGE

Developing a lens is a science and Oakley has designed a process that works. The Oakley Prescription Lab is founded on quality, function and innovation, resulting in eyewear with prescription lenses built exactly to the customer's needs, in the most Oakley authentic way.

The Oakley Lab network has expanded to three regional labs, which are fully integrated into the Luxottica lab network, to better service the needs of the business and ensure order accuracy.



A key benefit to eyecare professionals and patients is that when they order through the Oakley Lab, the eyewear maintains its integrity, keeping the warranty on both the lenses and the frames. Only on Oakley Authentic Prescription lenses will the wearer find the signature ellipse logo; an icon of uncompromising quality and proof of Oakley Authenticity.





OAKLEY®
AUTHENTIC
PRESCRIPTION
FRAME TECHNOLOGY

PHILOSOPHY OF A DESIGN

THE OAKLEY® DESIGN ETHOS

The Oakley design ethos focuses on innovation, in both aesthetics and functionality.

THE CREATIVE FOR PRESCRIPTION

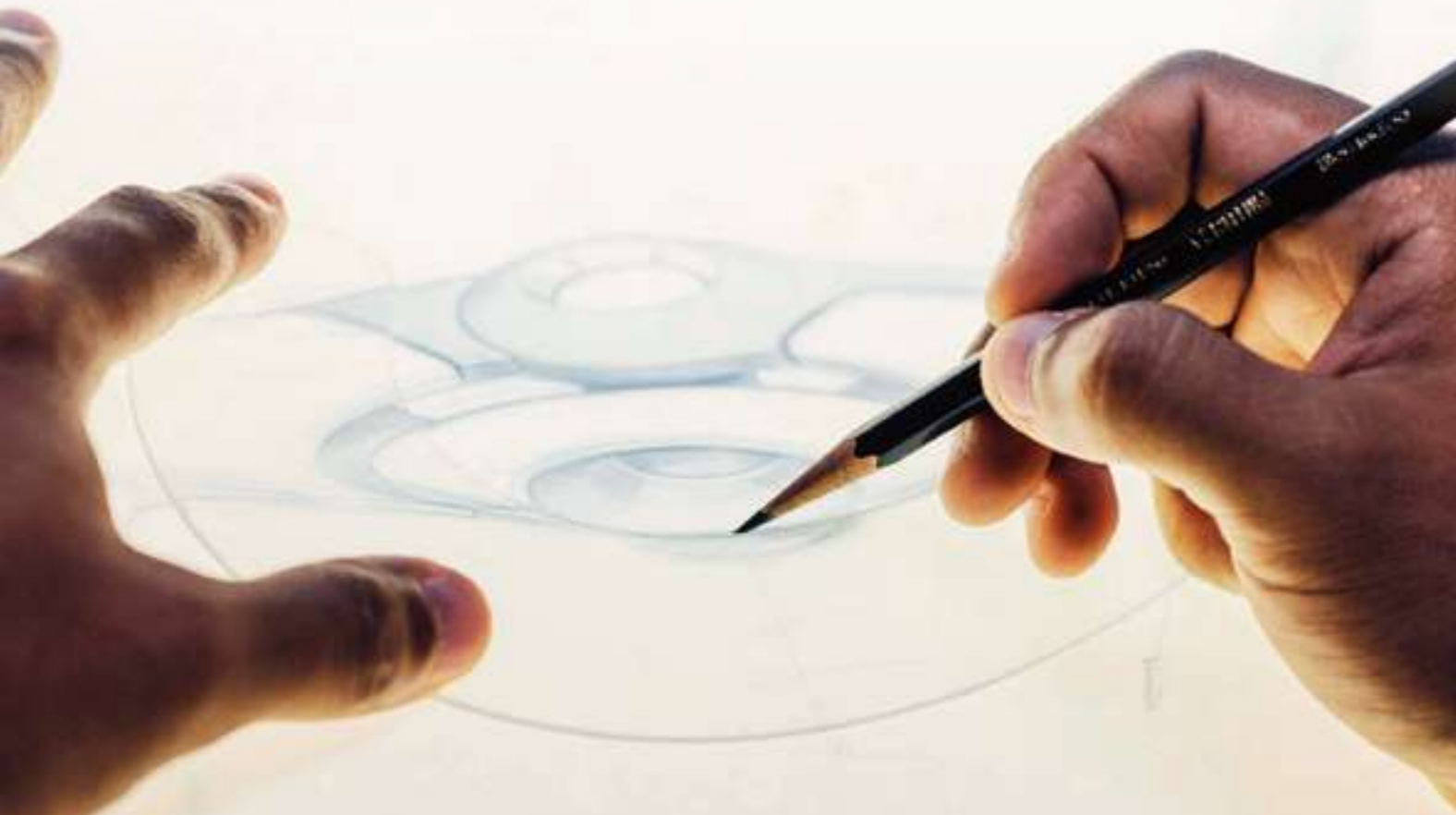
Pushing the boundaries of what is possible, the Oakley Authentic Prescription collection draws design inspiration from outside industries that feature beautifully designed, technical and functional products, including automobiles, watches, fashion collections, architectural details and more.

One of the many features that sets the Oakley Authentic Prescription eyewear apart from the rest of the market is a lasting design philosophy. Driven to strike a delicate balance between high functionality and iconic aesthetics, the collection exemplifies a true marriage between form and function. A smart usage in materials with consideration to their characteristics, such as cross-sectional strengths, durability, strength-to-weight ratio, resistance to the elements and other inherent properties, result in frames that are athletic not only in usage, but in shape. Oakley's Authentic Prescription collection features a lean, minimal aesthetic that celebrates all the functional components that make a usable, yet stylish, product. In the end, Oakley's design ethos centers around creating a product with a lasting impression.

ETCHED FOR AUTHENTICITY

THE OAKLEY® LOGO

Only Oakley Authentic lenses are signed with the ellipse logo, an icon of uncompromising quality for proof of Oakley authenticity.



MATERIALS THAT MATTER

FRAME MATERIALS

Engineering breakthroughs in structural materials allow Oakley® to produce lightweight, high-performing frames designed to maintain uncompromising protection and all-day comfort.



O MATTER™

Oakley's injection molded thermoplastic O Matter™ frame material provides improved strength and flexibility over traditional acetate, and is built to withstand form shifting or deforming over time.



NANO-MATTER®

Oakley's ultra-lightweight durable frame material allows for all-day comfort and resistance to the elements.



STAINLESS STEEL

The durability of an extremely high strength-to-weight ratio allows us to craft frames with comfortably thin architecture.



C-5™

To produce the ultra-strong chassis of Oakley wire frames, five metallic compounds are fused into a single C-5™ alloy.

TITANIUM

An ultra-lightweight, virtually indestructible material used in fighter jets, that allows us to produce some of the strongest, lightest and most comfortable Oakley frames.



CARBON FIBER + O MATTER™

With durability that comes from decades of research and development in sports innovation, the combination of ultra-lightweight carbon fiber temples with an O Matter front material provides superior comfort and flexibility.



ALUMINUM

The high strength-to-weight ratio of Oakley's aerospace grade aluminum alloy enables bold designs in a durable, highly corrosion-resistant and very lightweight frame construction,



STRENGTH THROUGH DESIGN

HINGES

Oakley® hinge designs range from the miniaturized mechanics of dualcam action to spring hinges built to maintain a stable, pressure-free fit.

Inspired by racing technology, these industry-leading hinge designs provide unrivaled durability and unique aesthetics without compromising comfort or fit.



LATCH™

The Latch hinge is an interior kick-up feature that lets you clip your glasses to your shirt, allowing you to safely stow your eyewear and move seamlessly through your day.



HOLLOWPOINT™

Inspired by hubless motorcycle wheels, the Hollowpoint™ hinge has a self-contained spring cam mechanism and internal piston, showing an elegantly minimalist design.



TWINSHOCK™

Inspired by pro-racing, the dual tine structure of the hinge is similar to leaf springs used for shock absorption, combining durability, flex and comfort.



MONOSHOCK™

Flexibility, comfort and fit are combined through mechanical precision to create the refined aesthetic of this single tine hinge.

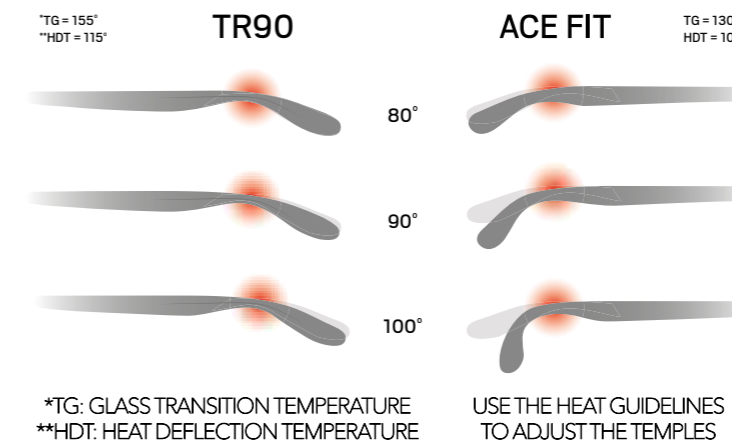
ACE FIT TECHNOLOGY

ADJUSTABLE TEMPLES FOR PERSONALIZED FIT

Ace Fit, a frame fit technology from Oakley, allows eye care professionals (ECPs) to adjust the temple of a frame based on the wearer's personal preference to help enhance their comfort and retention.



ACE FIT TEMPLES



ACE FIT ELIMINATES THE NEED FOR A METAL CORE



ACE FIT = NO METAL CORE



TR90 (ACETATE) = NEEDS METAL CORE

Ace Fit Technology requires two properties in order to function effectively.

- 1) The temples need to be heated to an advised temperature, and
- 2) must be constructed from a material with the same strength and weight benefits of O Matter to help maintain the shape.

With the right amount of heat, ECPs are able to bend and manipulate Ace Fit temples to wrap behind a patient's ear for a more secure fit or added comfort. ECPs can customize the amount of bend based off a patient's preference and comfort.

A polyamide grade temple material developed exclusively for Luxottica allows ECPs to follow the process used to adjust TR90 (Acetate), without compromising the shape of the frame - eliminating the need for wire cores.

ENGINEERED TO PERFORM

ADVANCER™

Advancer nose bridge instantly opens airflow to combat fogging and overheating. A simple actuator toggle allows you to advance the frame, with a single hand, directly forward instead of down your nose.



LIFESTYLE ADVANCER™

All the advantages of Oakley® Advancer™ technology is discreetly featured in a lifestyle frame. Advancer™ technology is designed to instantly open airflow to combat fogging and overheating.



SWITCHLOCK®

Oakley Switchlock® technology makes the process of lens changing quick and hassle-free. When the condition changes from sunny to overcast, a simple switch mechanism releases to let you rapidly swap out lenses to adapt to varying light conditions.



ENGINEERED TO FIT

NO-SNAG NOSE

Oakley®'s patented, hassle-free and adjustable nose pads won't snag or pull on hair. Transitioning eyewear from the top of your head to face has never been easier.



SECURE FIT

Ensures that the frame makes contact only with the nose bridge and behind the temples to eliminate discomfort and pressure.

NO-SLIP GRIP

Unobtainium® is the first innovative material patented by Oakley and used for temple tips and nose pads. It ensures maximum comfort by increasing grip with perspiration and keeping the frame in place without slipping.



TRUBRIDGE™ TECHNOLOGY

PERSONALIZE FIT WITHOUT COMPROMISING STYLE

Gone are the days when you had to compromise style for fit. Oakley's TruBridge™ technology provides optimum vision by creating a centered line of sight where the prescription is most accurate; maximum pad contact for even weight distribution; and a fit that eliminates cheek contact for all day comfort.

With our revolutionary frame fitting system, a perfect fit is easy, so you can choose whatever style you want and not worry about how it will feel. TruBridge™ technology adapts the frame to the width and depth of your nose bridge, so you never have to pass up a style you love. TruBridge technology creates an optimized fit with four different size O Matter™ nosepads.

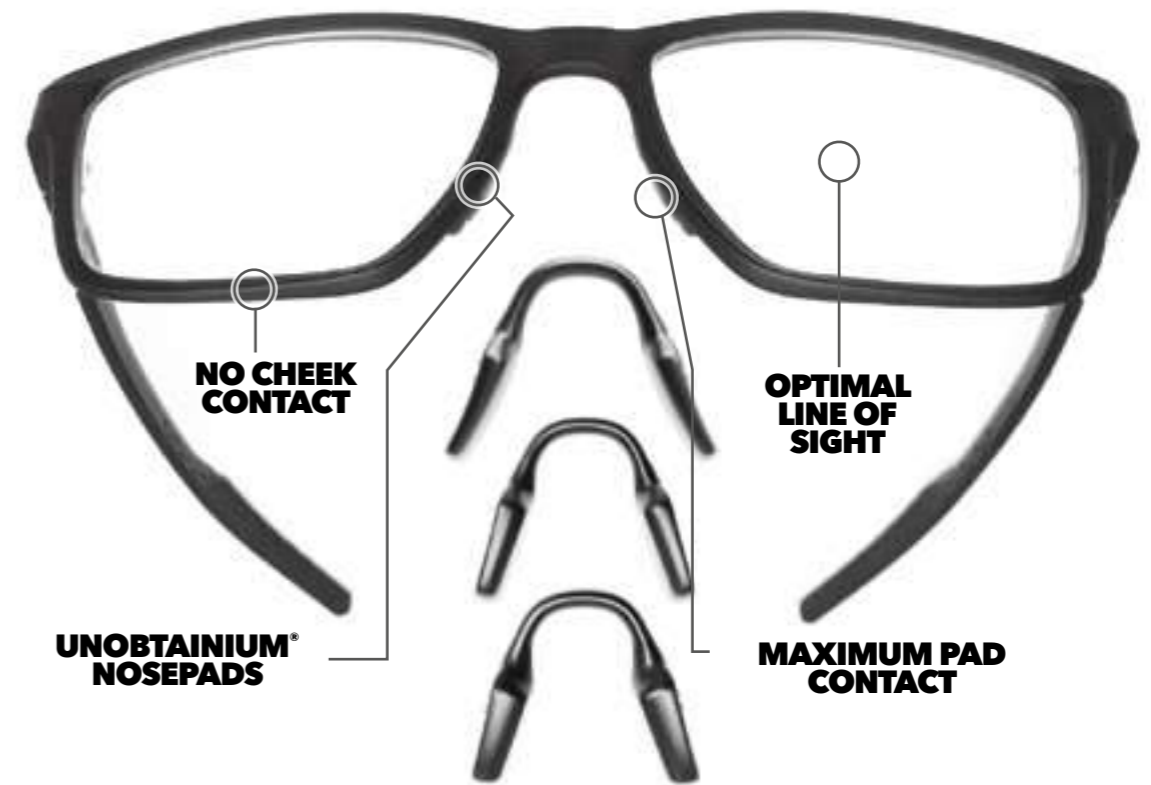


TRUBRIDGE™ + UNOBTAINIUM® TECHNOLOGY

PERSONALIZE FIT FOR SPORT

TruBridge™ + Unobtainium® is a frame fitting system based on Oakley's TruBridge technology enhanced with our best in class performance nosepad that is designed to offer extra grip for sport and activity.

A key solution to the issue of varying nose bridge widths and depths but with an improved fit, comfort and retention, this next generation of TruBridge technology creates an optimized fit with three different size no-slip Unobtainium nosepads.



1. SELECT FRAME **2. ASSESS NOSE PROFILE** **3. SELECT NOSEPAD SIZE** **4. INSTALL NOSEPAD** **5. ACHIEVING TRUE FIT**

<p>CROSSLINK® MNP</p> <p>MARSHALL MNP</p> <p>CHAMFER MNP</p> <p>CLOVERLEAF MNP</p>	<p>HIGH BRIDGE</p> <p>MEDIUM BRIDGE</p> <p>NARROW BRIDGE</p> <p>SHALLOW BRIDGE</p>	<p>SIZE 1</p> <p>SIZE 2</p> <p>SIZE 3</p> <p>SIZE 4</p>	<p>SELECT SIZE</p> <p>ALIGN TAB TO CENTER SLOT</p> <p>SNAP ONE PAD INTO FRAME</p> <p>SNAP OTHER PAD INTO FRAME</p>	<p>SIZE 1 FOR HIGH BRIDGES</p> <p>SIZE 2 FOR MEDIUM BRIDGES</p> <p>SIZE 3 FOR NARROW BRIDGES</p> <p>SIZE 4 FOR SHALLOW BRIDGES</p>
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1. SELECT FRAME **2. ASSESS NOSE PROFILE** **3. SELECT NOSEPAD SIZE** **4. INSTALL NOSEPAD** **5. ACHIEVING TRUE FIT**

<p>METALINK</p> <p>MITER</p>	<p>MEDIUM TO LARGE BRIDGE</p> <p>NARROW BRIDGE</p> <p>SHALLOW BRIDGE</p>	<p>SIZE 1</p> <p>SIZE 2</p> <p>SIZE 3</p>	<p>SELECT SIZE</p> <p>HOOK BOTTOM & PULL UP</p> <p>REPEAT ON OTHER SIDE</p> <p>COMPLETE</p>	<p>SIZE 1 FOR MEDIUM TO LARGE BRIDGES</p> <p>SIZE 2 FOR NARROW BRIDGES</p> <p>SIZE 3 FOR SHALLOW BRIDGES</p>
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OAKLEY®
AUTHENTIC
PRESCRIPTION
CLEAR

CLEAR LENS ASSORTMENT

MORE PRESCRIPTION VISION SOLUTIONS

Oakley Authentic Prescription clear lens offering provides with a wide selection of indexes, materials, technologies and coatings - allowing to cater to more customers and their individual prescription needs.

SINGLE VISION LENS



PROGRESSIVE VISION LENS



LENS INDEXES

O AUTHENTICS 1.50

Entry Lens: good optical quality at an affordable cost.

Lightweight: about half the weight of glass lenses.

Shatter Resistant: more shatter resistant than glass lenses.

UV Protection: provides 87% UVA and 100% UVB protection without an additional coating.

Clarity: has the best Abbe Value at 54.

PLUTONITE™ 1.59 (Prizm™ Gaming and Youth lenses)

Ideal for Sport: designed to provide protection and durability.

Impact Resistance: more impact resistance than other lens materials, making it ideal for athletes.

Lightweight: 20% lighter than plastic or glass lenses.

UV Protection: provides 100% UV protection without an additional coating.

O AUTHENTICS 1.60

Thin: about 15% to 40% thinner than O Authentics 1.50 and Plutonite 1.59.*

High Prescriptions: designed to allow prescription lenses to be made thinner, lighter and flatter than previously possible.

UV Protection: provides 100% UV protection without an additional coating.

Clarity: has the second best Abbe Value at 42.

O AUTHENTICS 1.67

Thinner: about 20% to 25% thinner than O Authentics 1.60.*

High Prescriptions: designed to allow prescription lenses to be made thinner, lighter and flatter than previously possible.

UV Protection: provides 100% UV protection without an additional coating.

O AUTHENTICS 1.74

Thinnest: about 10% thinner than O Authentics 1.67, 30% thinner than O Authentics 1.60 and 50% thinner than O Authentics 1.50.*

High Prescriptions: designed to allow prescription lenses to be made thinner, lighter and flatter than previously possible.

UV Protection: provides 100% UV protection without an additional coating.

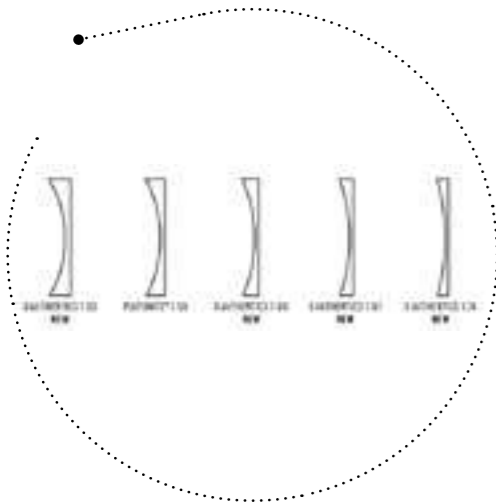
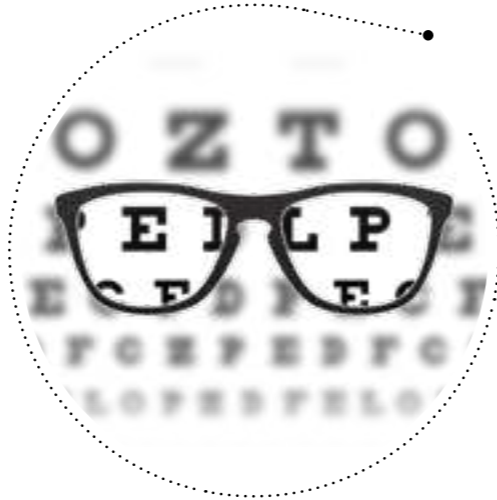


OAKLEY AUTHENTIC PRESCRIPTION CLEAR

CLEAR LENSES

NEW RANGE OF TECHNOLOGIES

Oakley Authentic Prescription now offers new features for single vision and progressive wearers helping to accommodate even more prescription needs. We are also launching Oakley Blue Ready, which is built to help provide an everyday filter against blue light.*



EXTENSIVE CLEAR LENS ASSORTMENT

Oakley has a wide RANGE OF INDEX TYPES across a broad design spectrum. Paired with Oakley Authentic Prescription frames, this wide lens assortment will allow to introduce Oakley to more customers and deliver the BEST SOLUTION FOR THEIR INDIVIDUAL PRESCRIPTION NEEDS.



TAKE THE LIMITS OFF YOUR PRESCRIPTION

By utilizing a complex digitally enhanced surface on the back side of lenses, OTD™ lenses are aiming to optimize visual acuity across the surface of the lens.



NEW OAKLEY STEALTH™ PRO

Oakley Authentic prescription lenses are available with a new AR treatment, Oakley Stealth™ Pro. Designed for all-around UV protection and to help make lenses less vulnerable to scratches, while maintaining the benefits of Oakley Stealth by helping lenses stay cleaner longer.

OAKLEY BLUE READY

Oakley Blue Ready is built to help provide an everyday filter against harmful blue light¹.

- Filters 20% of harmful blue light¹ from the sun and digital devices
- UV protection in any lens material²

(1) Harmful blue light: up to 455nm with the greatest toxicity between 415-455nm, only one contributing factor of retinal aging.
 (2) In transmission from front side, for all substrates and back surface when combined with Oakley Authentic AR coatings



OAKLEY STEALTH™ PRO

ENHANCED WITH NEW FEATURES

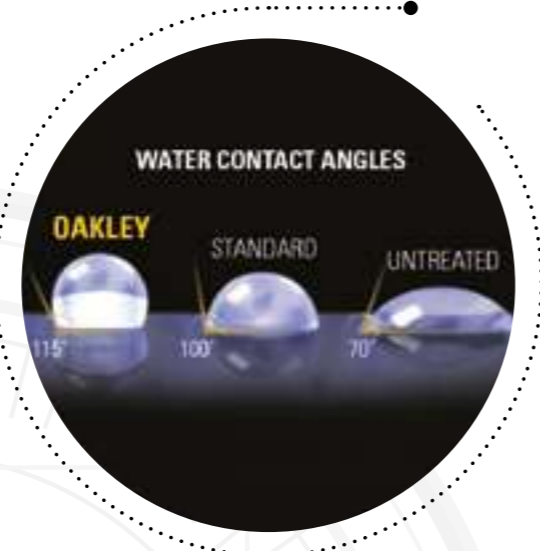
Recognizing the rigors of an active outdoor lifestyle, Oakley developed Stealth™ Pro, a premium anti-reflective (AR) coating engineered for the needs of athletes and sports enthusiasts. Designed to combat the dirty, scratch-prone lenses that become an inevitable part of sport and life, Oakley Stealth™ Pro is an AR coating on the interior and exterior surface of the lens that helps provide: glare reduction, while also repelling smudges, body oils, water and dust to help your lenses stay cleaner longer. Now with enhanced anti-scratch and UV protection.

REFLECTION & GLARE



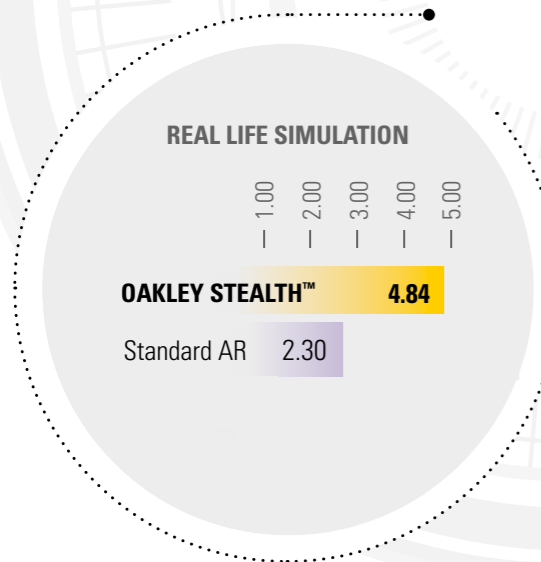
Designed to reduce disturbing internal reflections and glare that can cause eye fatigue and discomfort

REPELLENT



Designed to repel dust, dirt and oils with an invisible shield of oleophobic and anti-static protection

DURABILITY



Depends on industry-leading, athlete-tested durability

UV PROTECTION



Keep your eyes healthy and young. Oakley Stealth™ Pro features a UV filter designed to block more than 99% of the sun's damaging UV rays.*

*Except 1.50 CR39 which does not meet claim.

NOTES

Horizontal lines for taking notes.

OAKLEY STEALTH™ PRO

FEATURES & BENEFITS



UV PROTECTION NEW!

Features a UV filter designed to help block more than 99% of the sun's damaging UV rays.*

*Except 1.50 index which does not meet claim.



ANTI-SCRATCH NEW!

Features an invisible hard coat shield to help make your lenses less vulnerable to annoying, unwanted scratches.



HYDROPHOBIC

Shed the water weight. Oakley Stealth™ is designed with an invisible shield of hydrophobic, water-resistant, protection to help resist the build-up of water-based moisture, like sweat and raindrops, on the lens surface that can lead to optical distortion.



OLEOPHOBIC

Easy to clean and keep clean. Oakley Stealth™ features an invisible shield of oleophobic, oil-resistant, protection to help make your lenses more resistant to fingerprints and smudging from facial oils.



ANTI-STATIC

Dust is everywhere. Oakley Stealth™ is designed with an invisible shield of anti-static protection to help prevent/keep dust, dirt and other particles from sticking to your lenses.



INNER GLARE REDUCTION

Combat eye fatigue and discomfort. Oakley Stealth™ is designed to reduce disturbing glares and halos experienced on sunny days or from bright headlights at night.

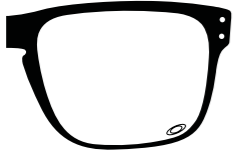



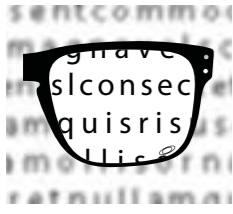


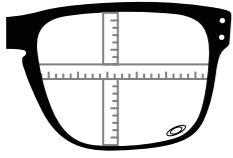

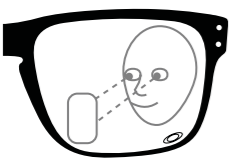



OUTER GLARE REDUCTION

Look better. Oakley Stealth™ is designed to prevent reflections from appearing in your lenses so your eyes aren't hidden or obscured to anyone looking at you, or in photographs.

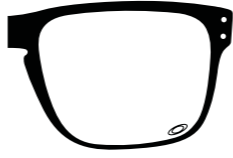









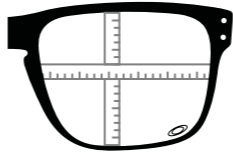




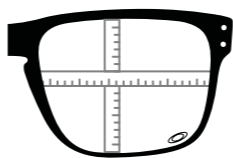



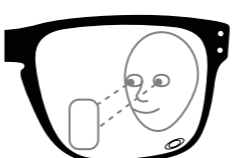



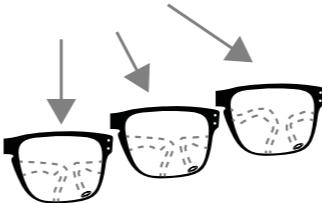


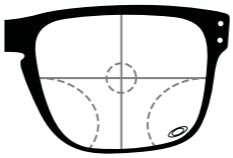

CLEAR SINGLE VISION LENSES

FEATURES

	ADVANCED ★★ OAKLEY® ESSENTIAL PLUS	PREMIUM ★★★★ OTD™	TOP ★★★★★ OTD™ PLUS
 <p>ETCHED OAKLEY LOGO Every Oakley Authentic Prescription clear and sun lens is laser-etched with our logo so you know you're being equipped with the same relentless innovation, disruptive design and industry-leading technology as the world's best athletes.</p>			
 <p>OTD - OAKLEY TRUE DIGITAL By utilizing a complex digitally enhanced surface on the back side of lenses, OTD™ lenses are aiming to optimize visual acuity across the surface of the lens.</p>			
 <p>FRAME-READY Using our proprietary frame database, Oakley custom designs lenses for each unique wearer and frame, optimizing visual acuity.</p>			
 <p>SCREEN-READY Your vision is critical on and off the field, and lifestyles are becoming increasingly digital-reliant. Oakley Authentic Prescription's screen-ready feature is designed to provide you with more power at the bottom of your lenses for your digital device usage.</p>			

CLEAR PROGRESSIVE VISION LENSES

FEATURES

	STANDARD* ★ OTD™	ADVANCED ★★ OTD™ ADVANCE	PREMIUM ★★★★ OTD™ ADVANCE PLUS	TOP ★★★★★ OTD™ ELITE
 <p>ETCHED OAKLEY LOGO Every Oakley Authentic Prescription clear and sun lens is laser-etched with our logo so you know you're being equipped with the same relentless innovation, disruptive design and industry-leading technology as the world's best athletes.</p>				
 <p>OTD - OAKLEY TRUE DIGITAL By utilizing a complex digitally enhanced surface on the back side of lenses, OTD™ lenses are designed to optimize visual clarity across the surface of the lens.</p>				
 <p>WELL BALANCED Oakley Authentic Prescription balances the visual zones to help ensure your vision needs are met on and off the field - all in one lens.</p>				
 <p>FRAME-READY Using our proprietary frame database, Oakley custom designs lenses for each unique wearer and frame, optimizing visual acuity.</p>				
 <p>SCREEN-READY With increasingly digital-reliant lifestyles, Oakley Authentic Prescription widens the intermediate zone with virtually no compromise to the far and near zones to help provide a seamless experience on and off the field in your complete pair.</p>				
 <p>OPTIMIZED FOR YOU Oakley Authentic Prescription features different lens designs for each type of vision correction, helping the wearer easily adapt to their lenses.</p>				
 <p>ALL-DAY COMFORT No matter your activity choice, whether your vision is hyperopic or myopic, as a result of the different zone positioning available in our designs, Oakley Authentic Prescription allows for a natural posture when wearing your glasses.</p>				



OAKLEY®
AUTHENTIC
PRESCRIPTION
TRANSITIONS®


OAKLEY®
Transitions™

TRANSITIONS® SIGNATURE® GEN 8™

THE PERFECT LENS FOR EVERYDAY LIFE

Transitions® Light Intelligent Lenses™ seamlessly adapt to changing light situations. Responding to the light around you, the lenses intelligently change from clear to dark when you go outdoors and back to clear when you return inside.

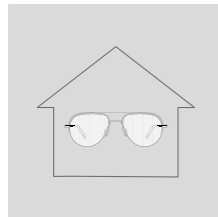
THE BEST OVERALL PHOTOCHROMIC LENSES¹

Engineered to provide your eyes with a better vision experience and protection¹, it's our clearest and fastest lens, available in 7 different colors.

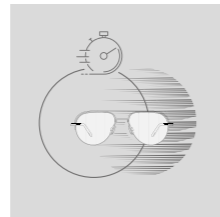


IDEAL FOR PATIENTS WHO

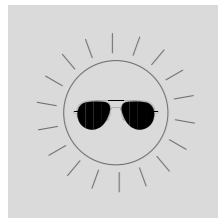
- Wish to enjoy a hassle-free life
- Seek greater visual comfort with any light
- Often go from indoors to outdoors
- Want stylish lens colors outdoors but quickly return to clear indoors



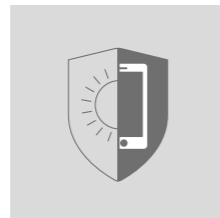
Fully clear indoors



Returns to clear faster than ever²



Darkens outdoors in seconds³



Blocks 100% UVA & UVB
Filters harmful blue light indoors & outdoors²

TRANSITIONS® SIGNATURE® GEN 8™

Available in 7 colors.

Choose your color. Choose your style.



(1) Based on achieving the highest weighted composite score among main everyday photochromic lenses across measurements of key photochromic performance attributes weighted by their relative importance to consumers. (2) Transitions Signature GEN 8 block at least 20% of harmful blue light indoors and over 87% of harmful blue light outdoors except Transitions Signature lenses style colors which block over 75% outdoors. "Harmful blue light" is calculated between 380nm and 460nm.

(2) Claim is based on tests across materials on gray lenses, being the most popular color, fading back to 70% transmission @ 23°C.

(3) Claim is based on tests across materials on gray lenses, being the most popular color, achieving 18% transmission @ 23°C.

AVAILABLE SOON

TRANSITIONS® XTRACTIVE® NEW GENERATION

BEST XTRA DARKNESS AND BEST XTRA LIGHT PROTECTION¹

Transitions XTRActive new generation lenses are the most powerful lens in the clear-to-dark category offering the best extra darkness even in hot climates² and are the darkest in the car³.

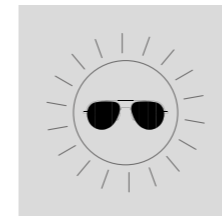
(2) Clear to extra dark photochromic category. Polycarbonate and 1.5 grey lenses tested at 35°C achieving <18%T using Transitions Optical's standard testing method.

(3) Clear to extra dark photochromic category. Polycarbonate and 1.5 grey lenses tested at 23°C behind the windshield achieving between 18%T and 43%T.

THE BEST FOR WEARERS WHO ARE VERY LIGHT SENSITIVE OR FREQUENTLY EXPOSED TO BRIGHT LIGHT.

IDEAL FOR PATIENTS WHO

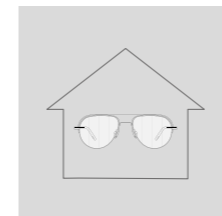
- Wish to enjoy a hassle-free life
- Seek greater visual comfort with any light
- Are light sensitive
- Want darker lens colors, even behind car windshields



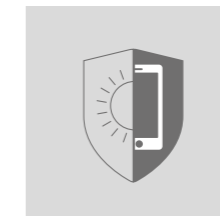
The darkest in hot temperatures²



The darkest in the car³



Clear with a hint of protective tint indoors



Blocks 100% UVA & UVB
Filters harmful blue light indoors & outdoors⁴

TRANSITIONS® XTRACTIVE® NEW GENERATION

Available in 3 colors.

Choose your color. Choose your style.



(1) The darkest in hot temperatures, in the car and offering the best overall blue light protection across light situations* among clear to extra dark photochromic lenses.*Protection from harmful blue light (380nm-460nm) among polycarbonate and 1.5 gray lenses: blocking (i) up to 34% indoors at 23°C, (ii) up to 64% behind the windshield (iii) up to 90% outdoors at 23°C and (iv) up to 83% outdoors at 35°C.

(4) Transitions XTRActive new generation block up to 34% of harmful blue light indoors and up to 90% of harmful blue light outdoors. "Harmful blue light" is calculated between 380nm and 460nm. Based on tests on polycarbonates gray lenses at 23°C.



OAKLEY[®]
AUTHENTIC
PRESCRIPTION
PRIZM[™] GAMMING


OAKLEY[®]

PRIZM™ GAMING LEVEL UP YOUR LENS TECHNOLOGY



OAKLEY AUTHENTIC PRESCRIPTION LENS. ENHANCED CONTRAST

Oakley Prizm™ Gaming lenses are designed to enhance visual contrast and features blue light-filtering technology designed to reduce 40% of blue light within the 380-500nm range to help protect from natural and artificial sources anywhere you go: indoors and outdoors (sun rays).

DEFINING & CONFRONTING THE CHALLENGE

The challenge of creating a lens with blue light filtering technology is that it can result in a lens that has a very yellow appearance. Oakley engineered the lens to reduce this yellow tint. With Prizm™ Gaming, we have created an aesthetically-pleasing prescription lens that is designed to provide sharp vision and enhance visual contrast with exceptional blue light filtering.



BLUE LIGHT FILTERING:
40% Between 380 and 500 nm



**SHARP
VISION**



**DESIGNED TO
ENHANCE VISUAL
CONTRAST**



**HEADSET
COMPATIBLE
FRAME**

THE RESULT

Level up your gaming experience by harnessing the power of Prizm™ Gaming -- Oakley Authentic Prescription lenses with Prizm™ Lens Technology and exceptional blue light filtration.



NAKED EYE



PRIZM™ GAMING





HEADSET COMPATIBLE

OAKLEY'S COMMITMENT TO FIT, FORM, AND FUNCTION TRANSCENDS TRADITIONAL SPORTS INTO THE WORLD OF GAMING WITH OUR HEADSET COMPATIBLE FRAMES:

- Lightweight for all-day wear and lasting comfort
- Thin temple construction and 4-6 base curves for optimal compatibility
- Some frames enhanced by Ace-Fit Temples or TruBridge™ + Unobtainium®
- Variety of styles, materials and silhouettes to meet the needs and gamer individuality



**PRIZM™ GAMING
FREQUENTLY ASKED QUESTIONS.**



WHAT IS THE DIFFERENCE BETWEEN PRIZM™ GAMING LENS & BLUE LIGHT FILTER?

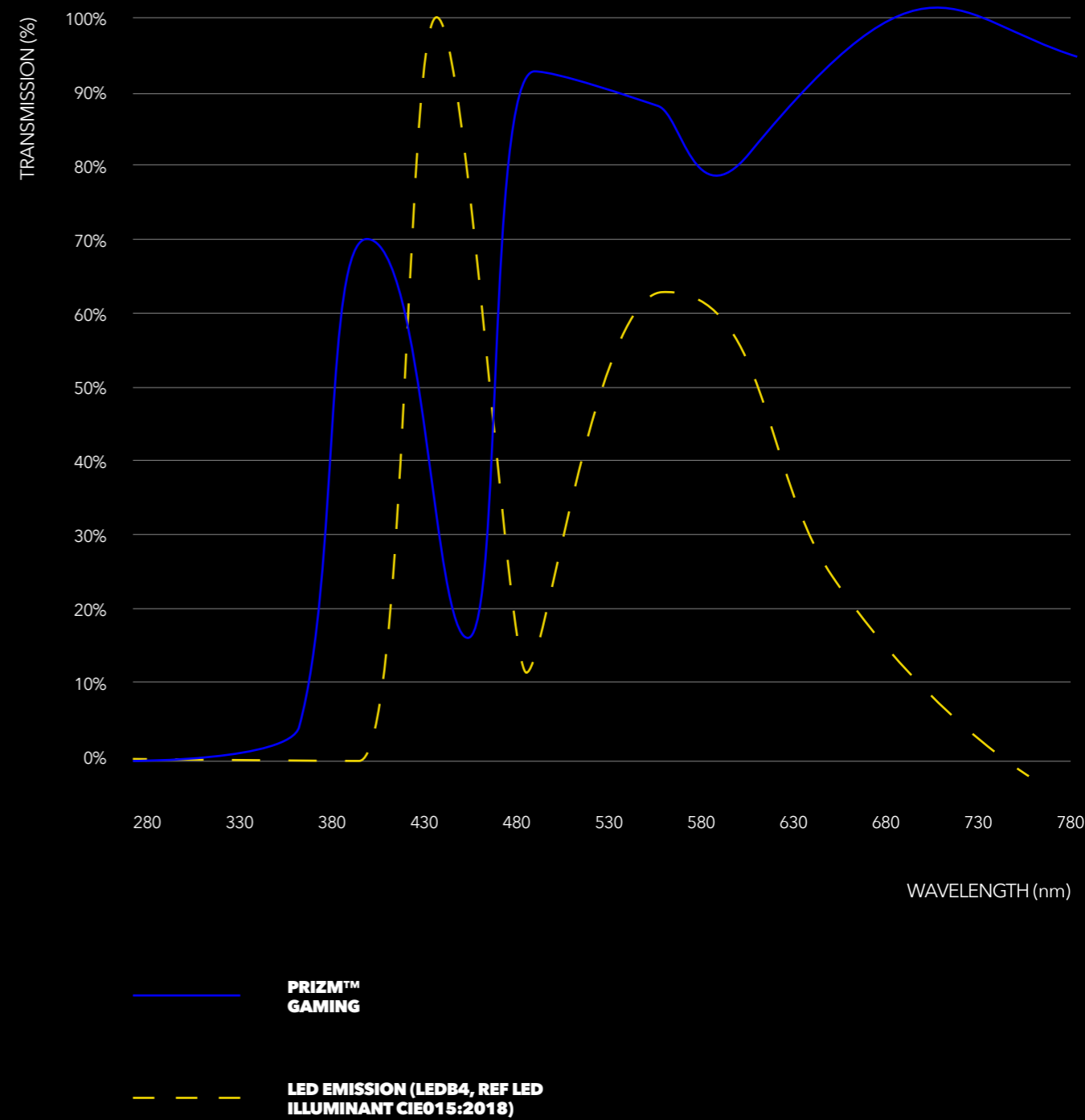


Prizm™ Gaming is more than a standard lens that filters Blue Light. Prizm™ Gaming combines the benefits of blue light filtering with a specific optical design. This optical design optimizes sharpness.

In regards to Blue Light filtering properties, Prizm™ Gaming filters 40% blue light (380-500nm).

Prizm™ Gaming filters 40% blue light in the range of 430-470nm, attenuating light in the wavelength range of 430-470nm, corresponding to the bandwidth of the blue peaks of the spectral distributions of LED digital screens, also referenced as representative LED illuminants (CIE 015:2018) (Alexander Kokka et al 2018 Metrologia 55 526).

In the following graph, the emission spectrum of a representative LED illuminant (LED B4, cold-white, from CIE 015:2018) (blue) is superimposed on the Prizm™ Gaming transmission spectrum (yellow).



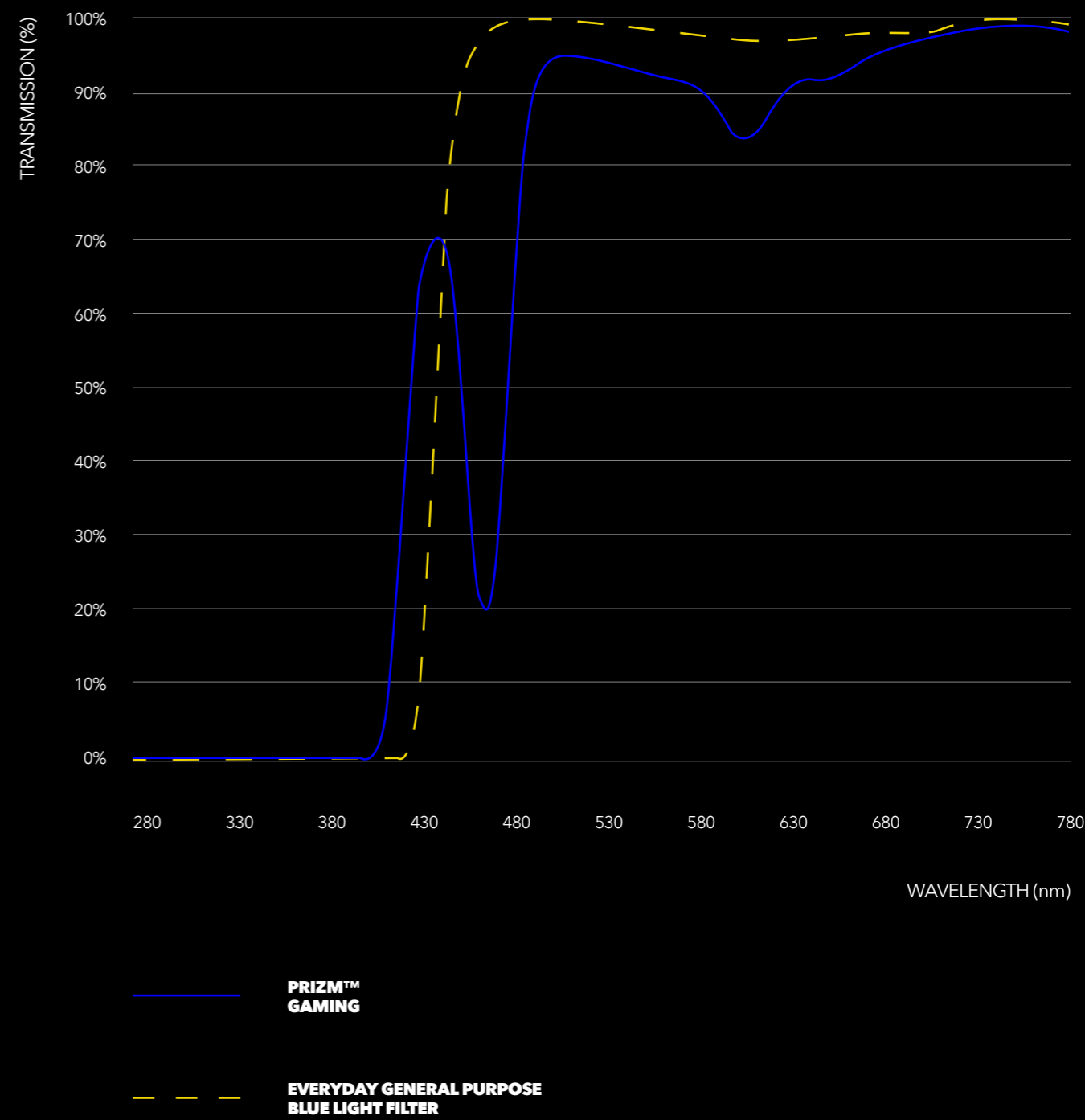
WHAT ARE THE BENEFITS COMPARED TO A DIFFERENT BLUE LIGHT FILTER? WHY CHOOSE PRIZM™ GAMING?



At Luxottica and Oakley we celebrate our brands by our commitment to excellence and performance. We are committed to continually improve our products.

In the figure shown on the right, there are the spectra of Prizm Gaming and a lens largely positioned as an everyday, general purpose blue light filter.

Prizm Gaming has been designed to reduce light in the wavelength range of 430-470nm, corresponding to the bandwidth of blue peaks of the spectral distributions of LED digital screens (Alexander Kokka et al 2018 Metrologia 55 526). As shown in below graph, Oakley Prizm Gaming filters 40% in average over 380 -500nm compared to 30% in average over 380-500nm for everyday general purpose Blue Light Filter. However, in the 430-470nm Oakley Prizm Gaming filters 43% compared to 3% for everyday general purpose Blue Light Filter.





PRIZM™ GAMING IS ONLY AVAILABLE IN RX, BUT CAN IT BE PRESCRIBED WITH 0 POWER, SO PEOPLE WITHOUT NEED FOR OPHTHALMIC GLASSES CAN USE IT AS WELL?

A doctor's prescription is a requirement when entering an RX order. If a Doctor has prescribed no-power lenses (plano), and submits such Rx, we are able and honored to process it.

WHY DOES PRIZM™ GAMING LENS BLOCK 40% BLUE LIGHT? WHY NOT 50%? WHY NOT 30%?

From a technical perspective, the more we filter Blue light (380-500 nm), the lens becomes yellower and yellower, which some may consider a negative effect in aesthetics. For that reason, the key challenge for scientists is to find the best balance between blue light filtering and aesthetics.

Designed to filter 40% and with the inclusion of color balancing we are able to deliver a lens that our teams feel is aesthetically-pleasing. This is indeed a personal decision that each consumer, with the potential support of their eye care professional, may weigh in the purchase journey.

WHY DOES PRIZM™ GAMING LENS CUT BLUE LIGHT? WHAT'S THE RATIONALE OF THE LIGHTING FROM THE GAMING SCREENS THAT EXPLAINS CUTTING THE BLUE LIGHT AND ITS BENEFIT?

By cutting Blue Light, Prizm™ Gaming seeks to provide a spectrum that reduces the blue emission of cold-white LED peaking in the shorter wavelengths, in the range of 430 - 470 nm and hence provides a warmer light to the user.

HOW DOES THE BLUE LIGHT FILTER OF PRIZM™ GAMING WORK?

Blue Light is achieved using a specific dye that is captured in mass.

IS PRIZM™ GAMING GOOD TO USE FOR NIGHT DRIVING?

Prizm™ Gaming meets normative requirements for night driving.

OAKLEY®
AUTHENTIC
PRESCRIPTION
YOUTH




OAKLEY®

OAKLEY® YOUTH COLLECTION

KID APPROVED!

Oakley innovators reinvented the science of fit - with the launch of Oakley's Youth Collection, including sun and prescription styles, designed specifically for youth faces.

ENGINEERED TO FIT YOUNG FACES



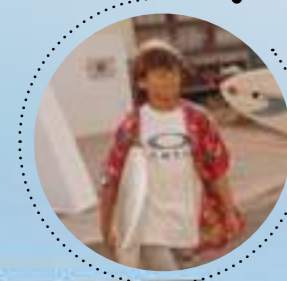
Many youth frames are just downsized versions of adult-sized frames and do not properly fit young facial structures. Thanks to the Oakley R&D Team's rigorous research, the prescription Youth collection is specifically-engineered to ensure a properly centered frame and lens on a youth face.

BENEFIT FROM ADULT FEATURES



Oakley's Youth collection includes all the features and benefits of an adult-sized frame, including uncompromising protection and durability, but in eyewear engineered and stylized for youth.

BUILT TO KEEP UP



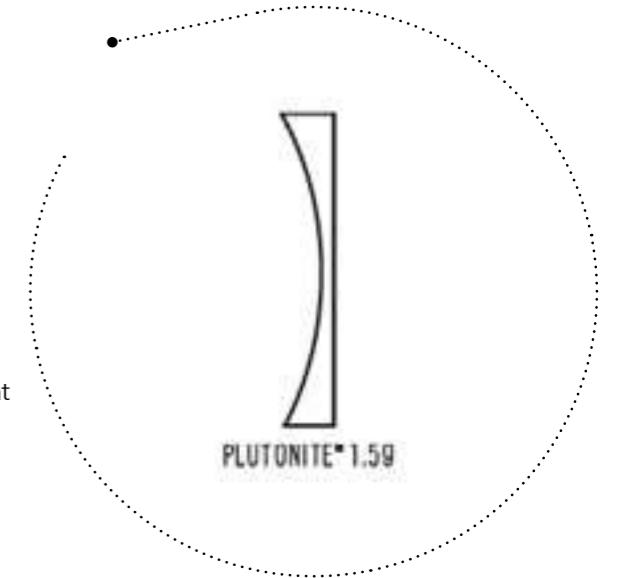
The collection blends optical performance with style to endure the daily activities of young lives.

OAKLEY AUTHENTIC PRESCRIPTION YOUTH

CLEAR LENS OVERVIEW

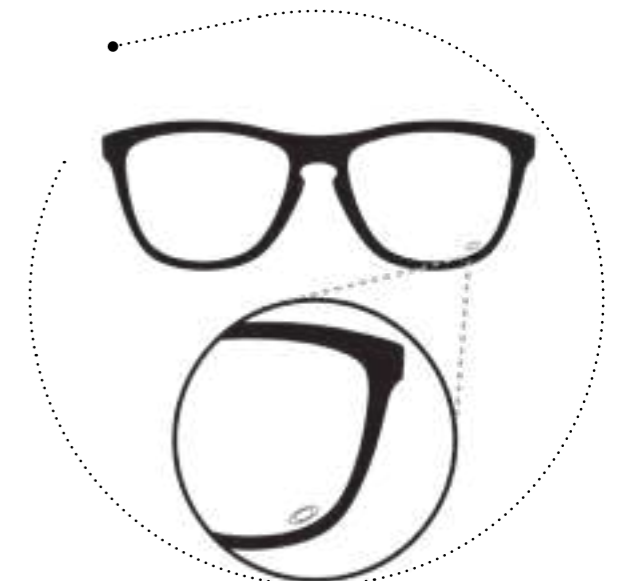
ESSENTIAL FOR YOUTH

Oakley has EXPANDED the brand's Youth offering with OAKLEY ESSENTIAL YOUTH LENSES. Constructed of Oakley's durable PLUTONITE® lens material and OPTIMIZED TO FIT OAKLEY YOUTH FRAMES, this FINISHED single vision clear lens design is ready for whatever your young ones might put it through.



HIGH-QUALITY TREATMENTS FOR YOUTH

Oakley Essential Youth comes with STEALTH™ BLUE YOUTH, a premium coating to ensure extra protection, durability and glare reduction while ensuring blue light filtration.



ETCHED FOR AUTHENTICITY

ONLY Oakley Authentic prescription lenses come LASER ETCHED WITH THE OAKLEY "O" - an icon of innovation and leading technology - for PROOF OF OAKLEY AUTHENTICITY and UNCOMPROMISING QUALITY.

OAKLEY STEALTH™ BLUE FOR YOUTH

FEATURES & BENEFITS



STEALTH™ BLUE YOUTH*

Protect their eyes. Oakley Stealth™ Blue Youth provides efficient blue light filtration and up to 3X more protection against blue-violet light than regular prescription lenses* while letting beneficial blue turquoise light pass through.

**Harmful Blue light: up to 455nm with the greatest toxicity between 415-455nm. For Polycarbonate concave lenses, the harmful blue light blocking percentage might be slightly lower. Regular prescription lenses = 1.5 or Poly material with Crizal Forte® UV coating at equal center thickness.* (without blue protection)



UV PROTECTION

Keep their eyes healthy and young with Oakley Stealth™ Blue Youth, which features a UV filter designed to block more than 99 percent of the sun's damaging UV rays.



INNER & OUTER GLARE REDUCTION

See and be seen. Oakley Stealth™ Blue Youth is designed to prevent reflections from appearing on the lens so that their eyes aren't hidden or obscured in photographs or when engaging with others, and to reduce disturbing glare experienced from bright light.



SCRATCH RESISTANT

Extend the life of their lenses. Oakley Stealth™ Blue Youth features an invisible scratch resistant shield to help make their lenses more resistant to scratching.



ANTI-STATIC

Dust is everywhere. Oakley Stealth™ Blue Youth is designed with an invisible shield of anti-static protection to help prevent dust, dirt and other particles from sticking to lenses.



ANTI-SMUDGE

OLEOPHOBIC

Easy to clean and keep clean. Oakley Stealth™ Blue Youth features an invisible shield of oleophobic protection to help make your lenses more resistant to fingerprints and smudging from facial oils.



HYDROPHOBIC

Shed the water weight. Oakley Stealth™ Blue Youth is designed with an invisible shield of hydrophobic, water-resistant protection to help prevent the build-up of water-based moisture like sweat and raindrops, on the lens surface that can lead to optical distortion.



OAKLEY®
AUTHENTIC
PRESCRIPTION
GLOSSARY



A

ABBE VALUE (CHROMATIC ABERRATION)

Is the measure of the lens material's chromatic dispersion (variation of refractive index versus wavelength), Abbe numbers are used to classify optical lens materials in terms of their chromaticity. See lens material chart.

ABERRATION

Optical system image defects; rays of light emanating from an object-point fail to form a perfect image-point. There are different types of aberrations. Spherical, Toric, Chromatic, Vertical and Horizontal. Chromatic aberration is increasing with the index of the lens material and is expressed in the Abbe number.

ACCOMMODATION

The eye's ability to automatically change focus from seeing at one distance to seeing at another.

ADDITION (ADD POWER)

In an eyeglass prescription, The optical power (of a lens) required for near vision, in addition to that required for far vision. This is dominantly done with PAL (Progressive Additional Lens) but used to be done with bifocals. The addition is expressed in Diopters ranging from + 0.75 up to +3.50 diopters.

AMBLYOPIA

Also known as lazy eye, Amblyopia is a vision development disorder in which an eye fails to achieve normal visual acuity, even with prescription eyeglasses or contact lenses.

AMETROPIA

Refers to vision disorders (myopia, hyperopia, astigmatism) characterized by the eyes inability to correctly focus the images of objects on the retina, thus resulting in blurry vision.

ANTI-REFLECTIVE (AR) COATING

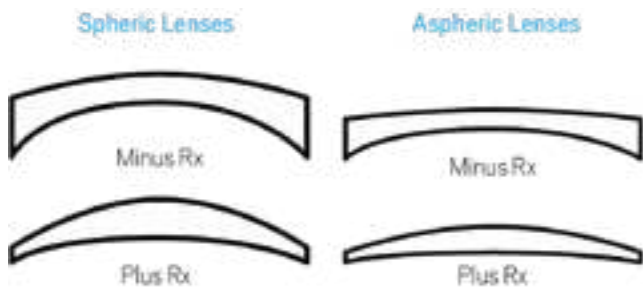
A type of optical coating applied to the surface of the lens to help reduce front and backside lens reflections. AR coatings help improve vision, reduce eye strain and make eyeglasses look more cosmetically pleasing.

ANTI-STATIC

Helps prevent/keep dust, dirt and other particles from sticking to your lenses.

ASPHERIC LENS

Have a more complex front surface that gradually changes in curvature from the center of the lens out to the edge - unlike a Spherical (aka Conventional) lens that has the same curve across its entire surface. Advanced optical design technology allows aspheric eyeglass lenses to be made with flatter curves than conventional lenses, giving them a slimmer, more attractive profile.

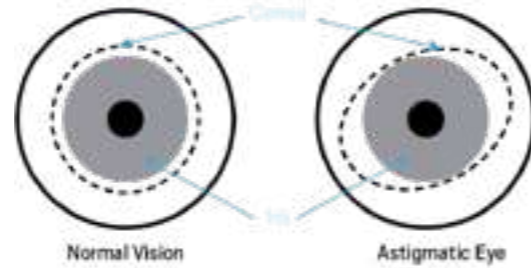


AS WORN POSITION

See position of wear.

ASTIGMATISM

A common sight defect that causes blurred vision as a result of an irregularly shaped cornea. Astigmatism occurs when your eye can't focus light evenly onto the retina because your cornea, the clear round dome that covers your iris and pupil, and your lens, are irregularly shaped. Unlike nearsightedness or farsightedness, astigmatism affects your vision at any distance.



AXIS

In an eyeglass prescription, the Axis refers to the orientation of the astigmatism. If cylinder power is prescribed, the axis, or angle between 1 and 180 degrees, must also be specified.

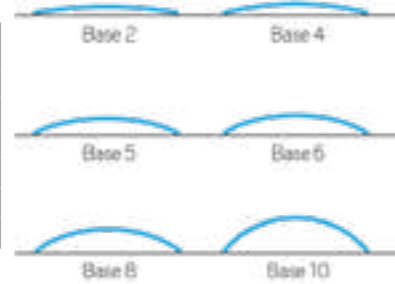
B

BASE CURVES

The front side curvature of a lens is expressed as a base curve value. This value is adapted to the desired final power of the lenses (except for Oakley True Digital sun lenses which are always identical to the sun (plano) version). Base 0 = flat. The higher the number, the steeper the curve.

Example of the relation base curve / final lens power:

Power Range	Base Curve
+8.00 D to +4.75 D	10.00
+2.25 D to +4.50 D	8.00
+2.00 D to -2.00 D	6.00
-2.25 D to -4.00 D	4.00
-4.25 D to -7.00 D	2.50
-7.25 D to -12.00 D	0.50



BEVEL

The shaping of the edge around the periphery of a lens necessary to hold the lens within the groove of a specific c frame.

BIFOCAL LENS

A lens with two distinct focal points, one for distance vision (upper focal point) and the other for near vision (lower focal point).

BLUE LIGHT FILTER

Helps block harmful UV rays and HEV (High Energy Visible) light that can lead to retinal damage and premature cataracts. Some lenses are designed to block these harmful rays to help reduce these risks.

BLUE LIGHT

Visible blue light is the portion of the visible light spectrum with the shortest wavelengths and highest energy (400-500nm). Sunlight is the main source of blue light but there are also many man-made sources of blue light, including display screens on digital devices. Eyes are not very good at blocking blue light, virtually all visible blue light passes through the cornea and lens and reaches the retina, which could lead to digital eye strain, increased risk of macular degeneration and premature cataracts.

C

CATARACT

The clouding of the lens in the eye that affects vision and can potentially lead to blindness. Most cataracts are related to aging and cannot spread from one eye to the other.

COATINGS

Applied to corrective lenses after surfacing. Various types of coatings exist, like anti-reflective, anti-static, hydrophobic, etc.

CONCAVE LENS

A spectacle lens which is thicker at the edges than in the center. A concave or "minus" lens diverges (decreases) the power of incoming light rays, and is used in the correction of myopia (nearsightedness).

CONSTRINGENCY

Another name for Abbe.

CONTACT LENSES

A thin plastic lens placed directly on the surface of the eye to correct visual defects.

CONVERGENCE

Reflex that enables the eyes to focus on a single point in near vision.

CONVEX LENS

A spectacle lens which is thicker in the center than at the edges. A convex or "plus" lens adds optical power to incoming light rays used in the correction of hyperopia (farsightedness).

CORNEA

The transparent front part of the eye that covers the iris, pupil, and anterior chamber, providing most of an eye's optical power.

CORRECTIVE LENSES

A lens typically worn in front of the eye to improve vision.

CYLINDER (CYL)

In an eyeglass prescription, CYL refers to the amount of lens power required to correct for astigmatism. The number in the cylinder column may be preceded with a minus sign (for the correction of nearsighted astigmatism) or a plus sign (for farsighted astigmatism). If this space is left blank, then the patient doesn't have astigmatism.

D

DIGITAL SURFACING TECHNOLOGY (D.S.T)

The most advanced way to produce optical complex surface at the back side of the semi-finished lens. Precise surface cutting using single point turning; cutting tool computer controlled allowing to give all the compensations needed on the back surface of the lens. This allows full lens design taking into account multiple parameters to offset prismatic error and offering the best visual performance possible. This also has the next level of personalization, since the design is specifically made to customer's unique prescription.

DIOPTER (D)

Unit of curvature or "power" for a prescription lens - the higher the number, the higher the power. Diopters are most commonly written in quarter increments (0.25, 0.50, 0.75, etc.). The sphere, cylinder, add, prism, and base curve in a prescription are all expressed in diopters.

E

EMMETROPIA

Refers to an eye with no visual defects, therefore, no need for vision correction. Emmetropia is the opposite of ametropia.

EFFECTIVE POWER

See vertex power.

F

FACE FORM

The gentle wrap of a frame front necessary to parallel the roundness of the head.

FIXED CORRIDOR

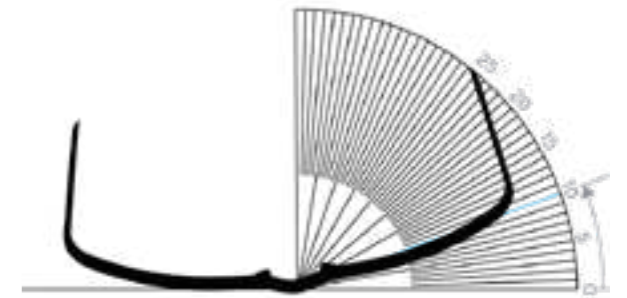
Type of progressive design that allows to put the focus on the reading by controlling the location of the "add" in relationship to the pupil; much like you would with a fl at top. Today's Oakley fixed digital design offers one design, using a 17mm fit height.

FOVEA

A tiny pit located in the center of the macula of the retina that is responsible for sharp central vision and where visual acuity is highest.

FRAME WRAP ANGLE

Also known as face form angle and panoramic angle, describes



the horizontal angle of the lens plane in front of the eyes.

FREEFORM

Synonym of D.S.T. (Digital Surfacing Technology).

G

GLAUCOMA

A disease associated with increased pressure of the fluid of the eye. The condition damages the optic nerve that may lead to blindness. May be treated with medication drops and/or surgery.

H

HD POLARIZED™

Oakley HD Polarized™ is a single lens that eliminates glue and films. Both lenses in a single pair of Oakley sunglasses are manufactured at the same time to perfectly align and center the axis of polarization. Doing so prevents unwanted and distracting glare from sneaking through any part of the lens.

HEV (HIGH ENERGY VISIBLE)

High Energy Visible light, which includes Blue Light, refers to the rays between 380 nanometers (nm) and 500 nm. HEV is located in the visible light spectrum and may cause some irreversible damage to the human eye. The sun is over 100x stronger than any digital device.

HYDROPHOBIC COATING

Water-resistant, protection to help resist the build up of water based moisture, like sweat and raindrops, on the lens surface that can lead to optical distortion.

HYPEROPIA

Farsightedness; the ability to see distant objects more clearly than close objects; may be corrected with glasses or contact lenses.

I

INDIVIDUALIZED LENSES

Lenses that are tailored to the wearer’s anatomy and to the fit of the frame give better than ever vision and comfort. These “individualized” or “as worn” or “personalized” lenses are not likely to give the best results unless measurements are taken. These could be supplied by the optician or, provided by the frame manufacturer. There are several individualized measurements such as the wrap angle, pantoscopic angle, lens base curve and in some cases the vertex distance (eye to lens distance). These lenses can only be produced with the D.S.T / Freeform technology.

IRIDIUM*

Oakley Iridium* is a special metal oxide coating on the lens designed to reflect light while providing a colorful and unique aesthetic. Iridium lens coatings reflect certain colors, while working with the lens base tint to provide balanced light transmission.

IRIS

A thin, circular structure in the eye, responsible for controlling the diameter and size of the pupil and thus the amount of light reaching the retina. Eye color is defined by that of the iris.

L

LENS MATERIALS

See chart below. Lens materials, (Abbe Value and UVA may vary by Region.)

Refractive Index	Organic Materials	Abbe Value	Specific Gravity	Reflectance %	UV (nm)	UVA %	UVB %
1.50	CR-39	58	1.32	7.7	355	90	100
1.59	Plutonite™ (Polycarbonate)	31	1.21	9.6	385	100	100
1.60	MR-8	41	1.30	10.1	400	100	100
1.67	MR-10	31	1.37	11.8	400	100	100
1.74	MR-74	32	1.47	13.6	400	100	100

M

MYOPIA

Nearsightedness; the ability to see close objects more clearly than distant objects. People with myopia can typically see well enough to read a book or computer screen but struggle to see objects farther away.

N

NANOMETER (nm)

A unit of length used to measure the wavelength of light.

O

OC HEIGHT

‘Optical Center’ (OC) or ‘Fit Point’ is a measurement that can be used to specify the vertical placement of a single vision lens’ center point within a specific frame. OC or Fit Point height measurement is mandatory for all OTD™ single vision lenses.

OCULAR GLOBE

The eyeball, about 25mm in diameter when emmetropic.

OD

Oculus dexter, which is Latin for “right eye”.

OLEOPHOBIC COATING

Oil-resistant protection to help make lenses more resistant to fingerprints and smudging from facial oils.

OPHTHALMOLOGIST (M.D.)

Physician, surgeon specialized in the treatment of eye diseases, conditions and eyesight correction.

OPTICAL CENTER

The point on an optical lens where the light passes directly through without bending. The thickest point of a plus lens and the thinnest point of a minus lens.

OPTICAL CORRECTION

Combination of the curvatures of the front and rear surfaces of a lens, measured in diopters.

OPTICIAN

Eye care professional, designs and adapts eyeglasses in accordance with measurements specific to each wearer.

OPTOMETRIST (O.D.)

Eye care professional, conducts refractive examinations, fits contact lenses and assesses overall eye health.

ORGANIC/PLASTIC LENSES

Organic lenses are made from a “polymerized” resin.

OS

Oculus sinister, which is Latin for “left eye”.

OTD™

Oakley’s digitally surfaced lenses. OTD™ stands for Oakley True Digital™.

OU

Oculus uterque, which is Latin for “both eyes”.

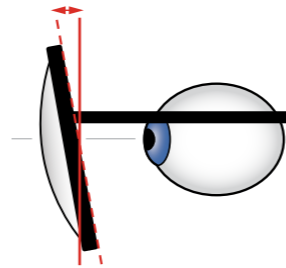
P

PANORAMIC ANGLE

See frame wrap angle.

PANTOSCOPIC ANGLE (OR TILT)

The rotation of lens bottom towards the cheeks. Usually, the angle (or tilt) ranges from 0-12 degrees, and anything within 3-7 degrees



is considered normal.

PUPIL DISTANCE (PD)

The distance from the center of one pupil to the center of the other pupil. Measured in millimeters (mm). Used for proper positioning of eyeglass lenses in front of the eye. This measurement can be taken for distance viewing (for PD) or near viewing (near PD).

PERSONALIZED LENSES

See individualized lenses.

PHOTOCHROMIC

A type of lens that has the ability to automatically darken when exposed to UV light. The lens transitions back to the clear state as UV light diminishes.

PLANO LENS

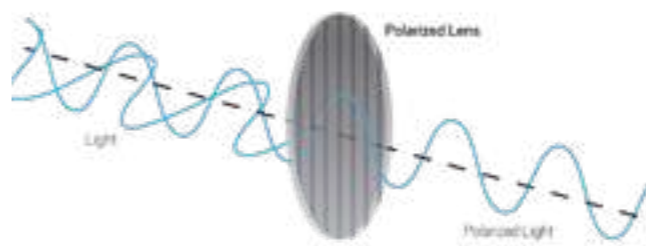
Plain lens material blank with no prescription corrective power.

PLUTONITE™

A type of lens material that is designed and manufactured exclusively for Oakley. It is made from the purest form of optical polycarbonate and characterized by lightness, high impact resistance, high refractive index (clear crisp vision), and UV absorption - it blocks 100% of UVA, UVB & UVC rays.

POLARIZED LENSES

A lens design to reduce reflective glare (i.e.: light reflected off the water). When light is reflected from flat surfaces, it tends to become polarized – meaning it travels in a more uniform (usually horizontal) direction. Polarized lenses contain a special filter that blocks this type of intense reflected light, reducing glare.



POLYCARBONATE

A type of lens material characterized by lightness, impact resistance, high refractive index, UV absorption.

POSITION OF WEAR (POW)

The ‘position of wear’ or ‘as worn position’ is used to describe the way that an eyeglass frame positions lenses in front of the eye. When the tilt, faceform and vertex distance of lenses change in front of the eye, the effective power of the lens also changes as well as vision through the lens’ periphery. It’s no longer the actual prescription.

POWER

The property of a lens to bring light rays to a focus. High optical power corresponds to short focal length.

POWER ERROR

The change in the power of a lens as the eye looks through various points of the lens.

PRESBYOPIA

Age-related farsightedness. A gradual, age-related loss of the eyes’ ability to focus actively on nearby objects. Caused by the aging of the crystalline lens, which with time thickens and loses its suppleness. As the crystalline lens becomes more rigid, it changes shape less easily and the subject sees less and less well in near vision. Occurs typically in middle and old age (noticeable in the early to mid-40s and worsens until around age 65).

PRISM

Prism is very rare and helps patients see a single image when they would otherwise see double. The amount of prism listed is also measured in diopters.

PRIZM LENS TECHNOLOGY™

Oakley’s revolutionary technology, Prizm™ lenses filter the correct wavelengths of light to create an optimized experience. Through an understanding of the complex way the eye interprets color, Oakley is able to engineer lenses that enhance detail by fine-tuning the specific wavelengths of light that make the eye perceive color more vividly.

PROGRESSIVE LENSES

Corrects presbyopia by varying optical power progressively from an upper to lower part. Have no visible segment lines on the lens surface. Helps eliminate image-jump in vision.

PUPIL

Central opening of the iris through which rays of light enter the eye. The diameter depends on ambient light. Light enters the eye through the pupil, which usually appears black, and the iris regulates the amount of light by controlling the size of the pupil.

R

REFLECTANCE

Capacity of a given material to reflect the light. Usually, the higher the index, the higher the reflectance and, therefore, the need to have a performing anti-reflective (AR) coating.

REFRACTIVE INDEX

Characterizes the way a transparent optical material bends or refracts light. The higher the index, the thinner the lens and the higher the chromatic aberrations deteriorate the image quality.

RETINA

Ultra-sensitive membrane of the inside of the back of the eye. The retina is where the vision process starts - It is here that objects are focused and then transmitted via the optic nerve to be interpreted by the brain.



OAKLEY[®]
AUTHENTIC PRESCRIPTION

