





## VAPOR SHIELD LENSES

have passed the following lab tests with no fogging:

-44" for 15 minutes	NO FOG!
Transition from -44°F to 70°F	NO FOG!
Transition from 76°1 to -44°1	NO FOG!
125°F with 80% humidity	NO FOG!



Because facial structures differ and work environments vary, Edge Eyewear provides solutions that meet a broad range of specific needs.

Reference the icons below for unique features & benefits offered by Edge Eyewear.



According to the CDC and Department of Labor, there are over 10,000 eye injuries in North America every day. Approximately 2,000 of these injuries require medical treatment and 3 – 5 days off work. Additionally, many are shocked to learn that 63% of all eye injuries happen away from work-at home and during recreational activities. To decrease these statistics, the American National Standards Institute (ANSI) and Military Combat Eye Protection Systems (MCEPS) created intense impact and rigorous optical tests to determine the quality and effectiveness of safety eyewear. Edge Eyewear glasses are independently tested by the accredited **COLTS** for compliance with ANSI/ISEA and MCEPS standards.

ATHSIANDA



## ANSI/ISEA Z87.1+2015 [SAFETY STANDARD]

In 1922, the National Bureau of Standards created the first standard for eye and head protection, which has been revised, improved, and renamed over the decades. The current version is ANSI/ISEA Z87.1+2015, which is enforced by OSHA. Edge Eyewear meets the high impact level of this standard, referred to as Z87+.



## MCEPS GL-PD 10-12 [MILITARY BALLISTIC STANDARD]

To meet the need for a more aggressive standard than the ANSI/ISEA version, the Military Combat Eye Protection Systems (MCEPS) standard was established, the current version being MCEPS GL-PD 10-12. This standard contains a series of impact tests simulating intense ballistic velocities faced in combat.



Spectacle frames and lenses must be capable of resisting a 17.6 oz (500 g) spike dropped from a height of 50 in (127 cm).

(ANSI/ISEA Standard: Section 6.2.2)



Spectacle frames and lenses must be capable of resisting impact from a .25 in (6.35 mm) diameter steel ball traveling at a velocity of 150 ft/s (45.72 m/s).

Dr



ANSI/ISEA Z87.1+2 150 ft/s, 102 mph (45.72 m/s, 1





Lenses must be capable of resisting penetration by a needle with a total weight of 1.56 oz (44.2 g) dropped from a height of 50 in (127 cm).

(ANSI/ISEA Standard: Section 6.2.4)

## DIAGRAM OF HIGH MASS IMPACT **& PENETRATION TESTS**

## WHAT CONSTITUTES A FAILURE?

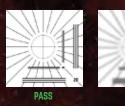
When each test is conducted as indicated in Sections 6.2.2, 6.2.3, and 6.2.4 of the ANSI/ISEA Standard, a complete device will fail if any of the following occurs:

- Fracture of the lens
- Penetration of the rear surface of the lens
- A piece fully detaches from the inside of the spectacle
- Lens is not retained by the frame
- Lens and/or frame touches the eye area, even if the glasses remain intact

D15 [REQUIRED] 4 kph)			ل میں ا
<b>→→→</b>	<b>&gt; &gt; &gt;</b>	<b>→</b> →>	
[ <b>OPTIONAL</b> ] 24 kph) jun blast from 33 ft (10 m).			
		12 GAUGE 23/4 12 YARDS A 1 200 ET /	WAY

<mark>e</mark> – Edge Eyewear vs Shotgun





## **RESOLVING POWER TEST**

The Resolving Power Test examines the ability of a lens to form separate, distinct images of objects that are close together when viewed from 35 ft (10.67 m) away.

## **2\*** LUMINOUS TRANSMISSION TEST The Luminous Transmission Test evaluates t

The Luminous Transmission Test evaluates the percentage of Visual Light Transmission (VLT), which is the amount of light that passes through a lens.

## WHAT CONSTITUTES A FAILURE? The lens fails if there is an inability to distinguish

three separate lines at the 20-line mark on the test pattern, both vertically and horizontally. (ANSI/ISEA Standard: Section 5.1.4)

## WHAT CONSTITUTES A FAILURE?

Clear: Minimum of 85% VLT Tinted: Minimum of 6% and maximum of 85% VLT (ANSI/ISEA Standard: Sections 5.1.2 & 7.1.2)

IMAGE SHIFT

NO IMAGE SHIFT

TINTED LENS

## **\* REFRACTIVE POWER TEST**

The Refractive Power Test determines the ability of a lens' entire surface area to focus on the rays of a sunburst image without blurring, blending, or bending the lines of the pattern.

## WHAT CONSTITUTES A FAILURE?

Refraction of light ± .06 diopters (ANSI/ISEA Standard: Section 5.1.4)

## \* PRISMATIC POWER TEST

The Prismatic Power Test measures the angular deviation of a light ray after it passes through a lens. This is similar to the way light refracts and bends through a prism, causing images to shift.

The Astigmatism Test looks for improper lens

curvature or flat areas that cause refractive error

## WHAT CONSTITUTES A FAILURE?

 $\geq$  .5 diopters of deviation (ANSI/ISEA Standard: Section 5.1.4)

## WHAT CONSTITUTES A FAILURE? ≥ .06 diopters difference

(ANSI/ISEA Standard: Section 5.1.4)



- Company Initials or Logo "E" signifies Edge Eyewear
- Impact Rating "Z87+" indicates high-impact compliance
- Additional Lens Filtration "S" signifys special purpose

## LEFT & RIGHT TEMPLE MARKINGS

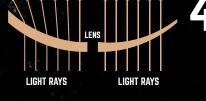
• Company Initials or Logo - "E" signifies Edge Eyewear • Impact Rating - "Z87+" indicates high-impact compliance

## FRAME MARKINGS

- Company Initials or Logo "E" signifies Edge Eyewear
- Impact Rating "Z87+" indicates high-impact compliance

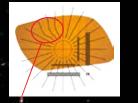
For more information see the ANSI Standard Required Markings Section 5.4 Table A





**\*** ASTIGMATISM TEST

and image shifting.



NSI/ISEA COMPLIANCE

## MINIMUM AREA OF CONTINUOUS LATERAL COVERAGE FROM CORNEAL PLANE CENTER.

[No openings greater than .06 in (1.5 mm) in diameter]

- .39in (10 mm) Up
- .39in (10 mm) Down
- .39in (10 mm) Sides

## 

## **EVA FOAM GASKET**

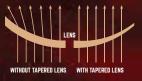
## **CONSTRUCTION FEATURES**

## TPR TECHNOLOGY

Thermoplastic rubber (TPR) is a soft and pliable compound that increases its grip as it becomes warm or damp. This technology is used in temple tips and nose pads to prevent slipping and keep glasses on the face.

## LENS TECHNOLOGY

Tapered lenses eliminate refraction.



- Lenses filter 99.9% of UVA/UVB/UVC rays
- Triple-dipped in anti-scratch coating
- Polycarbonate lenses comply with: - ANSI/ISEA Z87.1+2015
- Military MCEPS GL-PD 10-12

## FRAME TECHNOLOGY

- Frames are made with a flexible and durable TR90/nylon compound material
- Wrap-around frame provides extended peripheral view
- Straight temple arms eliminate pressure on head and temples



## XL (WIDE FIT)

(22mm) of width at the temple.



## **SLIM FIT**

the diversity of head shapes and sizes, the Slim Fit frame is .24 in (6mm) narrower at the temple.



## **MULTI-FIT NOSEPIECE**



## LADIES FIT

- Won't ride on the cheekbones
- Won't touch the eyelashes
- Won't snag the hair



## VAPOR SHIELD "MILITARY GRADE" ANTI-FOG

Edge Eyewear pioneered the world's first true anti-fog technology called Vapor Shield. This "military grade" anti-fog is completely resistant to haze, fog, and condensation in the most extreme conditions and temperatures.

## VAPOR SHIELD LENSES HAVE PASSED THE FOLLOWING LABORATORY TESTS:

<ul> <li>-44°F for 15 minutes</li> </ul>	No Fog!
<ul> <li>Transition from -44°F to 76°F</li> </ul>	No Fog!
• Transition from 76°F to -44°F	No Fog!
• 125°F with 80% humidity	No Fog!

# WITH VAPOR SHIELD WITHOUT VAPOR SHIELD

YouTube - Vapor Shield Anti-Fog Technology



## FIT OVER RX

Safety is too often compromised when non-compliant prescription eyewear is used alone to see fine details when performing a dangerous task. Safety-rated Fit Over Rx glasses comfortably fit over most prescription eyeglasses to ensure safe, clear vision.

## MAGNIFIERS

Magnifiers are perfect for viewing intricate work and fine details. They are available in three magnification powers (1.5, 2.0, and 2.5).

## STANDARD ANTI-FOG

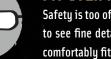
Anti-Fog coating offers clarity in humid, hot, or extreme cold circumstances. Moisture does not condensate on the lens, keeping vision clear at all times.

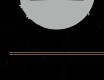


## WELDING

Welding lenses protect the cornea and filter the most harmful levels of infrared and UV light produced during gas welding, brazing, and torch cutting.

















When working in environments with high levels of airborne debris, dust, or wind, this technology creates a seal that keeps foreign particles away from the eyes.



With an adjustable nosepiece, a perfect fit can be achieved for a variety of facial structures by bending each flexible nose pad inward, outward, forward, or backward.

# THE HIGHEST LEVEL OF PROTECTION ON THE MARKET

## UVA (315-380 NM)

Although UVA rays are the least intense, they account for more than 90% of UV radiation reaching the earth and remain constant throughout the year. Exposure to high levels of this light without proper lens filtration may cause damage to all layers of the cornea.

### UVB UVA UVC

## ALL EDGE EYEWEAR LENSES BLOCK 99.9% OF UVA, UVB, AND UVC RAYS! UVB (280-315 NM)

lens filtration.

## UVC (180-280 NM)

often referred to as "welder's flash."



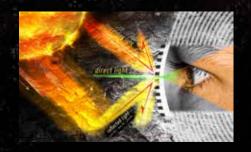
EASTERNO

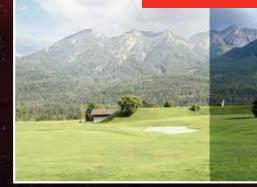
WITHOUT POLARIZED LENS

WITH POLARIZED LENS



In 1999, Edge Eyewear pioneered the world's first polarized lens for safety glasses. This technology can be compared to horizontal blinds where slats create a filtering layer that blocks glare from above and reflected light from below, allowing only direct light rays to enter. This reduced glare is ideal for environments with bright sun, snow, water, or sand.





WITHOUT G-15 LENS



**REDUCED EYE STRAII** 

### WITHOUT BLUE LIGHT FILTER LENS

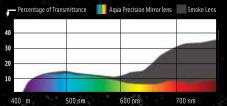


WITHOUT AOUA PRECISION MIRROR LENS

WITH AQUA PRECISION MIRROR LENS



helmet visors and the windows of satellite portholes. Edge Eyewear is the first company ever to offer this unique technology for safety glasses, which effectively blocks infrared light and reduces excess transmission on both ends of the visible light spectrum. The result is visual clarity, especially in bright light conditions.





600



UVB raus are the main cause of sunburn and are strongest in the summer. Permanent retina or lens damage can result from exposure to high levels of this light without proper

The most harmful type of ultraviolet radiation comes from UVC rays. The ozone layer keeps most of the sun's UVC radiation from reaching the earth, but some man-made UV sources, such as welders and cutting torches, do emit these hazardous raus. Exposure to high levels of this light without proper eye protection may result in photokeratitis,

## INFRARED



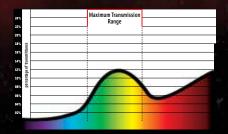


WITH G-15 LENS



## **G-15 LENS**

Edge Eyewear is the first company ever to offer a safety-rated G-15 lens. The U.S. Air Force engineered this technology for use in aviator lenses in the 1930s for maximum transmission of green and yellow light -the spectrum best perceived by the human eye-for true-to-life color perception. The result is reduced strain and a noticeable cooling sensation on the eyes.

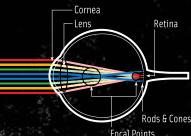


WITH BLUE LIGHT FILTER LENS



## **BLUE LIGHT FILTER LENS**

Blue light has short wavelengths, which cause the eye to focus too far in front of the retina. The result is a blue blur that can cause eyestrain, particularly while driving. Copper, amber, and yellow colored lenses reduce blue light to give greater depth perception and brighter, defined surroundings. Edge Eyewear introduced the first ever Blue Light Filter lens for safety glasses.

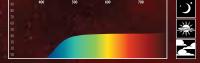








CLEAR lenses are the classic option for safety. With pristine clarity, they are an excellent choice for indoor and low light conditions.

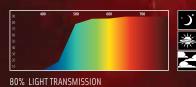








ANTI-REFLECTIVE lenses can be used in most indoor and outdoor conditions. A light silver mirror coating on a clear lens reflects excess light and reduces glare.





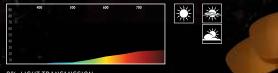
YELLOW lenses make dull, overcast conditions appear brighter and filter low levels of blue light. They also increase depth perception and contrast during dawn or dusk activities, including driving. (See Blue Light Filter, pg. 9)



69% LIGHT TRANSMISSION

lighting.

LIGHT BLUE lenses decrease eye fatigue resulting from yellow light. They are perfect for indoor settings with yellow incandescent, yellow fluorescent, or sodium vapor



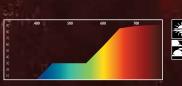
8% LIGHT TRANSMISSION

**COPPER** lenses make outdoor conditions appear sharper by filtering high levels of blue light. Copper also increases depth perception and contrast, making it the ideal tint for daytime driving and golfing.



13% LIGHT TRANSMISSION

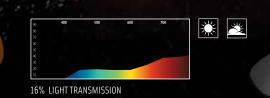
SILVER MIRROR lenses decrease visible brightness while maintaining trueto-life color. A silver-colored mirror coating adds a reflective layer to the light-filtering properties of a smoke base tint.



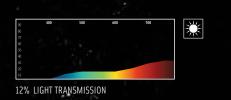
M W

57% LIGHT TRANSMISSION

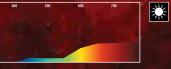
AMBER lenses make dull light conditions appear brighter and filter medium levels of blue light. They also increase depth perception and clarity in situations with flat light or minimal contrast. (See Blue Light Filter, page 9)



**SMOKE** lenses provide the perfect all-around tint for bright light conditions. This popular lens color blocks sunrays without causing color distortion.

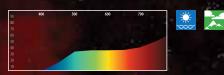


BLUE MIRROR lenses decrease visible brightness in intense conditions. A bluecolored mirror coating adds a highly reflective layer to the light-filtering properties of a smoke base tint.



11% LIGHT TRANSMISSION

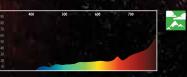
ROSE MIRROR lenses are made for extreme conditions-they maximize light filtration and sharpen details in flat light. A mirror coating adds a reflective layer to the warming properties of a rose-colored base tint.



36% LIGHT TRANSMISSION

## POLARIZED YELLOW lenses make dull, overcast conditions appear

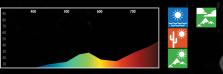
brighter and filter low levels of blue light. They also increase depth perception and contrast during dawn or dusk activities, including driving. The addition of a polarizing filter increases clarity by reducing glare.



16% LIGHT TRANSMISSION

## POLARIZED GRADIENT SMOKE lenses have a vertical smoke-toclear tint that equalizes harsh light from above and soft light from below. It is a favorite for

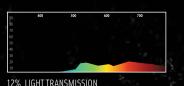
dautime reading and driving because of its dual lens tint. The addition of a polarizing filter increases clarity by reducing glare.



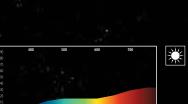
11% LIGHT TRANSMISSION

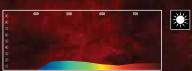
## POLARIZED G-15 SILVER MIRROR lenses maximize transmission

of green and yellow light for true-to-life color. The result is reduced eyestrain and a noticeable cooling sensation on the eyes. The addition of a polarizing filter increases clarity by reducing glare.



IR3 WELDING lenses filter low levels of infrared light produced during gas welding, brazing, and torch cutting. These green tinted welding lenses provide protection from harmful UVC rays.





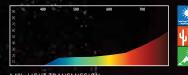
13% LIGHT TRANSMISSION

AOUA PRECISION RED MIRROR lenses maximize visual clarity and contrast in bright light conditions. Rather than using a layering process, anti-reflective ions are infused into a flame-colored mirror to maintain pristine optics. (See Agua Precision, pg. 8)



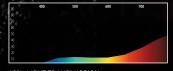


POLARIZED COPPER lenses make outdoor conditions appear sharper by filtering high levels of blue light. Copper also increases depth perception and contrast, making it the ideal tint for daytime driving and golfing. The addition of a polarizing filter increases clarity by reducing glare.



14% LIGHT TRANSMISSION

POLARIZED SMOKE lenses provide the perfect all-around tint for bright light conditions. This popular lens color blocks sunrays without causing color distortion. The addition of a polarizing filter increases clarity by reducing glare.





10% LIGHT TRANSMISSION

## POLARIZED AOUA PRECISION BLUE MIRROR lenses

maximize visual clarity and contrast in bright light conditions. Rather than using a layering process, anti-reflective ions are infused into a blue-colored mirror to reflect light. The addition of a polarizing filter results in the greatest reduction of glare. (See Aqua Precision, pg. 8)

90	400	500	600	700
10			1-	

2% LIGHT TRANSMISSION

IRS WELDING lenses filter medium levels of infrared light produced during gas welding, brazing, and torch cutting. These dark green tinted lenses provide extra protection from harmful UVC raus. 11

















COPPER POLARIZED

SMOKE Polarized



KIT INCLUDES: Khor Forest Camouflage Frame • Hard Case

- Lens Cleaning Bag
  Interchangeable Anti-Reflective, Yellow & Polarized Smoke Lenses



KIT INCLUDES:

- Khor Digital Camouflage Frame
  Hard Case
- Lens Cleaning Bag
  Interchangeable Anti-Reflective, Yellow & Polarized Smoke Lenses



INTERCHANGEABLE LENSES & LENS PACK AVAILABLE PAGE 50-51







## A/P RED MIRROR















ANTI-REFLECTIVE



SMOKE

SILVER MIRROR

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CLEAR Standard Anti-Fog

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CLEAR Vapor Shield Anti-Fog

YELLOW Polarized

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COPPER POLARIZED



SELF-ADHESIVE OR PRE-APPLIED EVA FOAM GASKETS AVAILABLE PAGE 48-49





















REMOVABLE EVA FOAM GASKET AVAILABLE PAGE 48



37







SMOKE AB116





Kirova









FITS OVER Prescription Glasses

OSSA









RX INSERT COMFORTABLE Foam liner

INDIRECT VENTS



When working in environments with high levels of airborne debris, dust, or wind, this technology creates a seal that keeps foreign particles away from the eyes.



## BARETTI

 $\bigcirc$ SMOKE

SILVER MIRROR A/P RED MIRROR



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YELLOW POLARIZED

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KAZBEK

SMOKE

CLEAR ANTI-REFLECTIVE

YELLOW



CLEAR Standard Anti-Fog

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COPPER POLARIZED

SMOKE POLARIZED

600 600

SMOKE FLAME



















LIGHT BLUE VAPOR SHIELD ANTI-FOG

# **SELF-ADHESIVE**

REMOVABLE

BARETTI Removable eva foam gasket

KAZBEK Removable Eva foam gasket



KIT INCLUDES: Self-Adhesive Gasket & Anti-Fog Spray

BARETTI	DAKURA	KAZBEK
Self-Adhesive	Self-adhesive	SELF-ADHESIVE
Eva foam gasket kit	Eva foam gasket kit	EVA FOAM GASKET KII
		9419

KAZBEK XL Self-Adhesive Eva foam gasket kit





KAZBEK XL Removable Eva foam gasket

RECLUS REMOVABLE EVA FOAM GASKET

ZORGE G2 Removable Eva foam gasket

DELANO G2 Removable Eva foam gasket





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SMOKE

18

YELLOW

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YELLOW VAPOR SHIELD ANTI-FOG

COPPER POLARIZED 





AMBER



SMOKE Standard Anti-Fog



G-15 SILVER MIRROR A/P BLUE MIRROR



SMOKE



CLEAR VAPOR SHIELD ANTI-FOG

0

BLUE MIRROR



SMOKE

6

YELLOW

IR3 LIGHT WELDING IR5 MEDIUM WELDING



SILVER MIRROR



LIGHT BLUE VAPOR SHIELD ANTI-FOG

COPPER

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**BLUE MIRROR** 



SMOKE VAPOR SHIELD ANTI-FOG



SMOKE



BLUE MIRROR A/P RED MIRROR



G-15 SILVER MIRROR A/P BLUE MIRROR POLARIZED POLARIZED



SILVER MIRROR



SMOKE VAPOR SHIELD ANTI-FOG



CLEAR VAPOR SHIELD ANTI-FOG

**BLUE MIRROR** 

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**PRE-APPLIED GASKETS** 

49



REPLACEMENTLENSES

Customize your frames with replacement lenses, allowing you to quickly adapt to any environment while you're on the go.

ZORGE G2 LENS PACK PACK INCLUDES ANTI-REFLECTIVE & YELLOW LENSES

ARCE E

KHOR LENS PACK

監認す













**INTERCHANGEABLE LENS PACK** 





SNAPBACK CORD BLACK & GRAY ROPE FLOATER CORD EDGE LOGO CORD



LEASHES FITS ALL FRAME 5



BISTE

Comforti

Comforti

LEASHE NOT INCLUDED

SINGLE-UNIT DISPLAY POINT OF PURCHASE

10-UNIT DISPLAY

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BISTON

ROTECTION FROM



3-UNIT DISPLAY PROMOTIONAL POINT OF PURCHASE

16-UNIT DISPLAY LOCKING COUNTER & PEGBOARD



CLAMSHELL PACKAGING FOR ALL EYEWEAR EXCEPT VAPOR SHIELD

## **ALTERNATE SIGNAGE**



INDUSTRIAL HEADER



VAPOR SHIELD HEADER



MOTORSPORTS HEADER FOR 16-UNIT



32-UNIT DISPLAY



## LOCKING SHOWROOM STORAGE FOR USE WITH 9908 DISPLAY

GLASSES NOT INCLUDED WITH DISPLAYS







4' X 4' PEGBOARD PLANOGRAM CLAMSHELL PACKAGING NOT INCLUDED



**11-UNIT SALES KIT** 



ANTI-FOG SPRAY 20-COUNT W/ POP DISPLAY



12-UNIT DISPLAY Pegboard Hanging Clip Strip 9917



## COUNTER POINT OF PURCHASE (INCLUDES 6 KHOR KITS)

12-UNIT DISPLAY POINT OF PURCHASE WITH STORAGE











LADIES CATALOG



POLARIZED CATALOG



ULTRA SERIES







MINI CATALOG

## EDGE SAFETY POSTER

3/5/2 대응학.

## EYE S

CSAFE

REATE A SAFE WORK ENVIRONMENT Minimize hazards from falling or unstable debris Properly inspect and maintain tools and machinery Use recommended safety procedures and machine gas for all equipment Properly train all workers for safety protocol Keep bystanders out of hazard areas

VALUATE SAFETY HAZARDS Identify the primary hazards at the site Identify secondary hazards posed by nearby workers, large machinery, and falling/shifting debris

**EAR THE PROPER EVE AND FACE PROTECTIO** Select appropriate 287 eye protection for the hazard Make sure the eye protection is in good condition and clean Ensure the eye protection fits property and stays in place

SE GOOD WORK PRACTICES Do not rub eyes with dirty hands or clothing Cloan eyewear regularly Have an eye wash station close by

94<u>6</u>

EYE SAFETY POSTER

Poleie

# **PRESCRIPTION COLLECTION** [RX]

Edge Eyewear is committed to maximizing eye safety for everyone, and this includes our customers with optical prescription requirements. The **Edge Rx Safety Eyewear** line, which features Edge's style and durability with the advantage of prescription lenses includes 8 of our most popular frame styles. These are now available to fit your unique prescription and lens color preference. Please contact your Edge Eyewear rep to get started.



BARETTI [SB81-RXF]

STATINA I



CARAZ CONVERSION KIT (HZSP81-RXF



DAKURA CAMO [SWCF81-RXF]



BRAZEAU (XB81-RXF)



CIVETTA [YC81-RXF]



KAZBEK [SK81-RXF]

YARI (HY81-RXF)



KAZBEL XL [SKXL81-RXF

CARA7

H781-RXF

OPT-A Frame Logo

> **OPT-B** Temple Arm Logo

YOUR

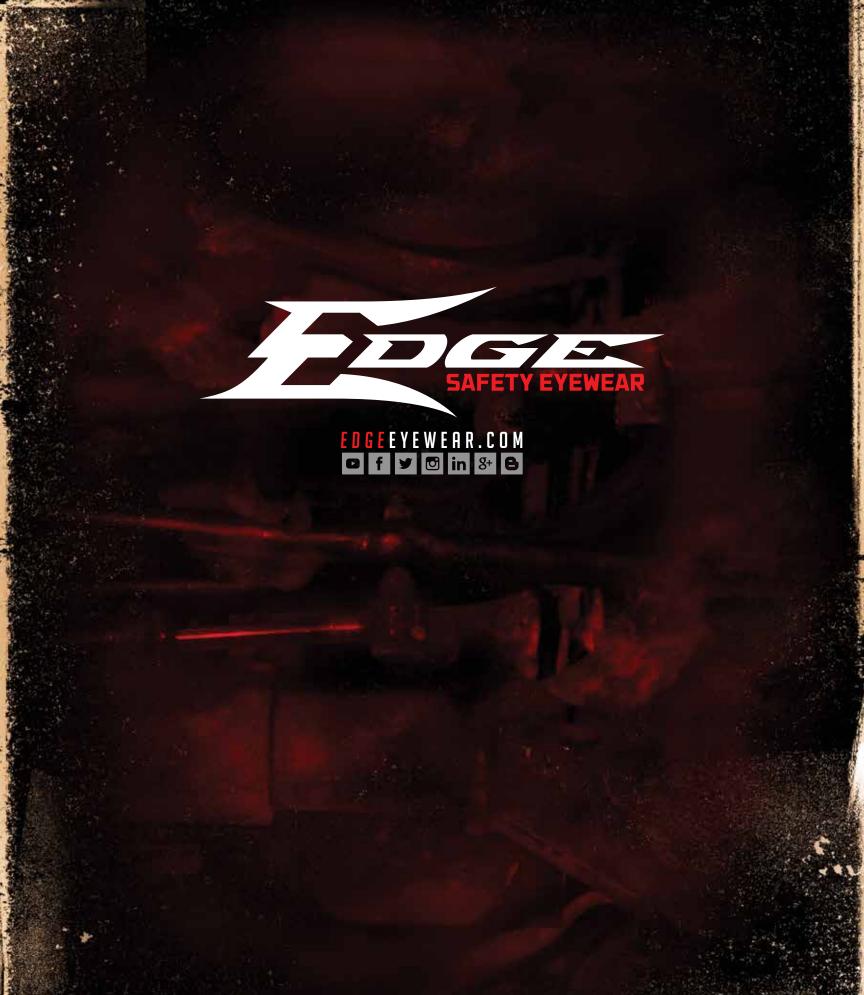
**OPT-**Frame La Temple A

#1 Choose a Frame Style (Contact Edge for Options)
#2 Pick a Lens Color (Contact Edge for Options)
#3 Add Optional Features (Vapor Shield "Military-Grade" Anti-Fog & Foam Gasket Available)
#4 Select Logo Placement or Custom Wrap (Select Options A, B or C)
#5 Submit Logo to Receive a Digital Mock-Up
#6 Price Quote & MOQ Issued to Place Order

## ADD YOUR LOGO TO OUR BEST SELLING GLASSES!



go & rm Wrap



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