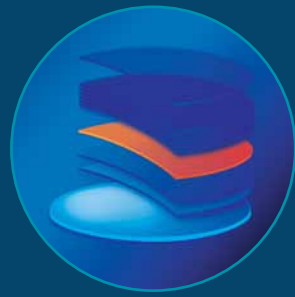


## Full protection from the enemies of clear vision



Because people generally treat their sunwear more harshly than their primary lenses, we've incorporated the advanced technologies of Crizal Avancé™ with Scotchgard™ Protector, to make Crizal SunShield™ the most scratch-resistant, smudge-resistant, easiest to clean sun lens ever.



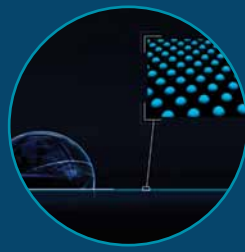
### SR Booster™ Layer Technology

Provides “glass-class” scratch protection on the **backside** of the lens where 37% of scratches occur for increased durability.

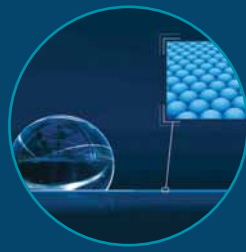


### Anti-Static Technology

Because sun lenses attract more dust than ordinary lenses, anti-static properties are incorporated into the **backside** of the lens. It easily repels dust and you don't have to worry about cleaning your lenses as often.



Ordinary lenses



Crizal SunShield lenses

### High Surface Density™ (HSD) Process

Because sun lenses get dirtier from oil and sweat, Crizal SunShield lenses have an industry-best contact angle of 116 degrees on **both sides** of the lens. They are easy to clean and stay that way longer.

## Every patient needs sun protection every day of the year



For the ultimate sun protection solution, always recommend **Crizal SunShield™** with Xperio® Polarized sun lenses.

For more information about Crizal SunShield, contact your local Crizal Sales Consultant.

For more information contact **Luzerne Optical Laboratories LTD** at **800-233-9637** or on the web at [www.LuzerneOptical.com](http://www.LuzerneOptical.com)

**Crizal**  
SunShield™



## CRIZAL SUNSHIELD

THE FIRST AND ONLY NO-GLARE SUN LENS WITH COMPLETE UV PROTECTION

- 360° UV protection for safer outdoor vision
- Complete protection from reflected UV light
- Enhanced scratch resistance and cleanability

**Crizal**  
SunShield™



# The sun is all around us. Shouldn't you

## Full protection from the sun

Believe it or not, dispensing sunwear to your patients, whether it's polarized or tinted, doesn't mean they're getting full UV protection. Most sunwear only prevents UV light from being transmitted through the **front** of the lens, but doesn't prevent **backside UV reflections**.

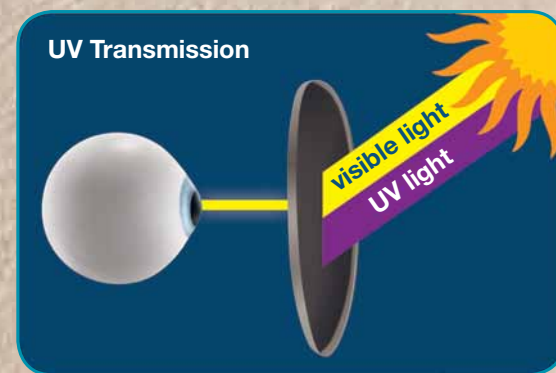


In fact, because they are darker than clear lenses, sun lenses put patients' eyes at more risk for harmful UV damage since the wearer's pupils are more open.

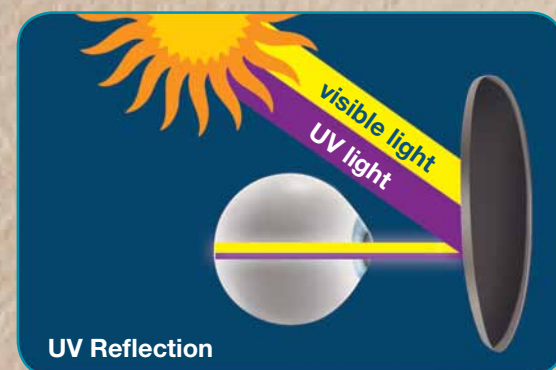
## Everyone needs protection from both UV and visible light

The sun emits several kinds of light—the visible light we can see and UV light that can potentially cause damage to our eyes and skin. All sun lenses are designed to reduce the amount of visible light that is **transmitted** through the lens.

Ordinary sun lenses do not protect from UV light that is **reflected** off the backside of the lens, producing potentially damaging UV reflections that bounce right back into your eye.



100% of UV light on all sunwear in poly and high index lenses is blocked from **transmitting** through the lens by the material.



Ordinary sun lenses do not block visible or UV light **reflections** on the back of the lens, allowing potential damage into your eyes.

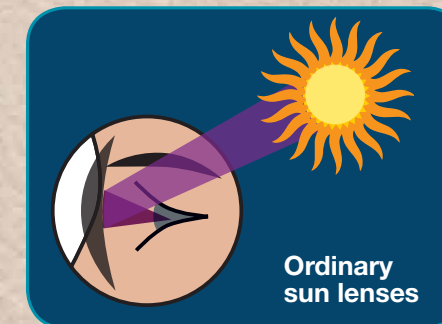


# give your eyes 360° protection?

## 360° UV protection for safer outdoor vision

Crizal SunShield™ is the first and only No-Glare lens that incorporates an optimized AR stack to eliminate backside UV reflections—allowing **30% less\*** UV light into the eye than ordinary sun lenses.

- When combined with polarized or tinted lenses,<sup>†</sup> Crizal SunShield provides wearers with complete **360° UV protection**
- Crizal SunShield helps in the prevention of UV-related diseases, such as macular degeneration and cataracts



Harmful UV light—which hits the back of the lens—is reflected into the eyes.

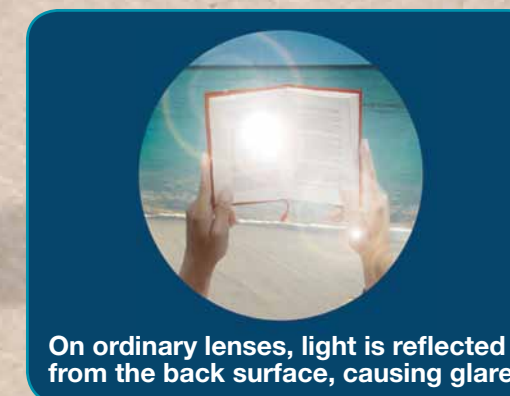


Backside UV reflections are reduced for 360° UV protection.

## Full protection from backside glare for more comfortable vision

Designed specially for sunwear, Crizal SunShield eliminates over **99%** of visible glare and light reflections on the backside of the lens, so vision is more comfortable than with ordinary sunwear.

- Perception testing proved patients experienced **40% greater comfort** with Crizal SunShield versus ordinary sunwear<sup>‡</sup>



On ordinary lenses, light is reflected from the back surface, causing glare



With Crizal SunShield, glare is eliminated, and comfort increased

For more information contact Luzerne Optical Laboratories LTD at 800-233-9637 or on the web at [www.LuzerneOptical.com](http://www.LuzerneOptical.com)

\* Compared to ordinary sun lenses. Ordinary sun lens defined as a prescription uncoated polycarbonate polarized or tinted lens.  
† Standard plastic comes systematic with UV dip coat.  
‡ Source: Perception test conducted by EUROSYN, independent laboratory, Sept 2008.