

Light can be both harmful and beneficial to your vision and health

UV and Blue Light can contribute to developing eye disease^{1,2}

- UV light is a major risk factor for many eye diseases, including cataract
- Blue Light (also known as High Energy Visible, or HEV light), at specific wavelengths, is a risk factor for the onset of age-related macular degeneration (AMD), the leading cause of severe vision loss and legal blindness in adults over 60
- The number of cataract and AMD cases will double in the US in 30 years

There are different types of Blue Light within the Light Spectrum



Blue-Violet light is one type of harmful light that is present everywhere

- *Outside*: Emitted all year round in any weather (sunny, cloudy, rainy, etc). This is even true when light comes through windows in your home, office or car
- Inside: Present throughout the day and night. It is emitted from many modern digital devices including computers, tablets, most smartphones as well as compact fluorescent lightbulbs
- Exposure to Blue-Violet light is cumulative over your life and is one of the risk factors contributing to the early onset of AMD

Light including Blue-Turquoise is important for vision and everyday health³

- Light is essential for color perception, clarity and sharpness of vision
- Blue-Turquoise light aids in the function of the sleep/wake cycle, memory, mood, cognitive performance, and pupillary constriction reflex

Eyes need to be protected from harmful Blue-Violet and UV light while allowing beneficial light to pass through.

NEW Crizal PREVENCIA No-Glare Lenses

The first No-Glare lens on the market that selectively deflects harmful light, providing improved protection for eyes.

Light scan[®]

Introducing a selective No-Glare technology that protects eyes from the most harmful band within the Blue-Violet spectrum (415-455 nm).⁴

Light Scan[™] works 3 ways:



Selectively filters out harmful light (both Blue-Violet and UV)



Allows beneficial light to pass through (visible light, including Blue-Turquoise)



Maintains excellent transparency (clear No-Glare lens) for optimal vision at all times

Crizal[®] Prevencia[™] lenses deflect 20% of harmful Blue-Violet light and in recent lab tests, Crizal Prevencia reduced retinal cell death by **25%****



Crizal Prevencia has an Eye-Sun Protection Factor (E-SPF®) of 25, which provides wearers' eyes with **25x more protection** from UV than with no lens at all.⁺

Crizal Prevencia lenses provide superior clarity of vision with improved protection.



For more information, go to Crizal.com

⁺Results from *in-vitro* tests on swine (pig) retinal cells⁴

inder of America, inc. An August reserved. Oness indicated Onerwise, an readering the service of the service of index developed by Essilor, endorsed by tindependent third parties, measuring the lens" UV protection exclud 5 when Crizal is made with any lens material other than clear 1.5 plastic. Essilor Crizal Prevencia lenses are C and UV rays. Essilor informs you that the above information is general information given as prevention and p nder U.S. Patent No. 8,360,574. Additional U.S. and foreign patents pending. LZAL200965 SHK/ECSB 7/13

2 Joint Standard and Parts Vision Institute, Fernia provide a standard vision and Parts Vision Institute, Fernia prometing the provide standard vision and Parts Vision Institute, Fernia prometing the provide vision and Parts Vision Institute, Fernia prometing the provide vision and Parts Vision Institute, Fernia prometing the provide vision and Parts Vision Institute, Fernia prometing the provide vision and Parts Vision Institute, Fernia prometing the Provide vision and Parts Vision Institute, Fernia prometing the Provide vision and Parts Vision Institute, Fernia prometing the Provide Vision Institute, Fernia Provide Vision Insti

