Light Plays an Important Role in Your Life

Our eyes need light for color perception, clarity, and sharpness of vision. But some wavelengths of blue light can be harmful to your eye health and vision.

BENEFICIAL BLUE LIGHT

Blue-Turquoise light allows the right functioning of the sleep/wake cycle, memory, and cognitive performance. It is part of the visible light spectrum and helps preserve color perception.

HARMFUL BLUE LIGHT

Blue-Violet light presents a risk factor for the onset of age-related macular degeneration (AMD). AMD is a leading cause of severe vision loss and blindness in adults over the age of 60.


2. Harmful Blue Light is the blue-violet wavelengths believed most toxic to retinal cells, which lie between 415-455nm on the light spectrum.
Blue Light is Everywhere

In today’s digital world, we are bombarded by harmful blue light from both natural and man-made sources.

[Image of a person using a digital device]

72% Percentage of adults unaware of dangers of blue light.*

A Lifetime of Potentially Damaging Exposure to Blue-Violet Light

From the moment we’re born, our eyes are exposed to damaging light. Today’s modern digital devices can greatly increase this exposure.

Number of children who spend more than 3 hours per day on digital devices.*

1 in 4

Average times per day adults look at their mobile devices.**

100+

Amount of time 33% of adults spend on digital devices per day.*

9+

Percentage of American adults who use a smartphone on a daily basis.*

69%

Those at Highest Risk:

- People with a family history or exhibiting signs of AMD
- Heavy digital device users
  - Working professionals
  - Children & Teens
  - Gamers


REVOLUTIONARY PROTECTION

Crizal® Prevencia® Lenses

Exceptional no-glare vision.

Selectively filter up to 20% of harmful Blue-Violet light while allowing beneficial Blue-Turquoise light to pass through.

Reveal a slight purple hue, which shows that the lenses are working.

Provide clear, comfortable vision while resisting glare, smudges, scratches, water, and dust.

Our highest UV protection in a clear lens*″

†E-SPF 25 index for all Crizal Prevencia lenses except with Essilor Orma clear lenses = E-SPF 10.

*E-SPF® is an index rating the overall UV protection of a lens. E-SPF® was developed by Essilor International and endorsed by third party experts. The E-SPF® index relates to lens performance only and excludes direct eye exposure that depends on external factors (wearers’s morphology, frame shape, position of wear).

**E-SPF 25 index for all Crizal Prevencia lenses except with Essilor Orma clear lenses = E-SPF 10.