



# EVERYDAY PROTECTION,<sup>†</sup> EVERYWHERE



Better Sight.  
Better Life.

# ESSENTIAL BLUE SERIES™

*Essential Blue Series* lenses are available for any patient.

**HARMFUL BLUE LIGHT<sup>†</sup> PROTECTION FOR LIFE**

There are so many facets to life. Work, play, home, away—it all combines to create wonderful experiences all around us. But there’s something else that surrounds us every day as well: blue light. While some frequencies of blue light are beneficial, others can be harmful to our eyes with continuous exposure over time.

Give your eyes advanced protection that helps reduce exposure every moment of the day, so you don’t have to give Harmful Blue Light a second thought.

**Ask your Eyecare Professional about *Essential Blue Series* lenses.**

## ESSENTIAL BLUE SERIES™

[essilorusa.com/bluelight](http://essilorusa.com/bluelight)

<sup>†</sup>*Essential Blue Series* lenses filter out at least 20% of Harmful Blue Light.

<sup>†</sup>Arnault E, Barrau C, Nanteau C, Gondouin P, Bigot K, et al. (2013). Phototoxic Action Spectrum on a Retinal Pigment Epithelium Model of Age-Related Macular Degeneration Exposed to Sunlight Normalized Conditions. PLoS ONE 8(8): e71398. doi:10.1371/journal.pone.0071398 (August 23, 2013). Identified Harmful Blue Light through in vitro experiment on swine retinal cells, where the most toxic wavelengths are high energy visible light falling between 415-455nm on the light spectrum (blue-violet light).

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THINK ABOUT YOUR LENSES

# ADVANCED PROTECTION<sup>†</sup> WITH CLEAR ADVANTAGES

## ESSENTIAL BLUE SERIES™

UP TO **3X** MORE PROTECTION AGAINST HARMFUL BLUE LIGHT THAN A STANDARD CLEAR LENS\*

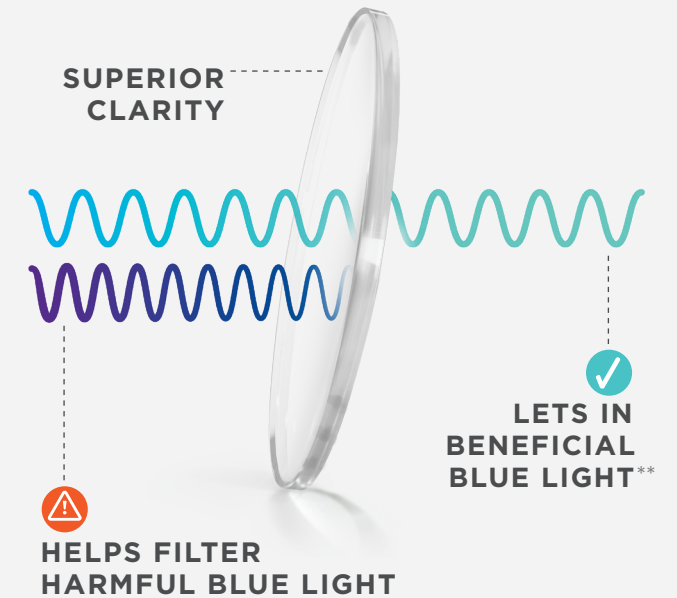
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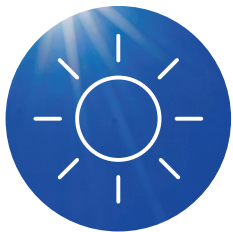
Other Blue Light Lenses



ESSENTIAL BLUE SERIES™



### HARMFUL BLUE LIGHT COMES FROM SOURCES ALL AROUND YOU.



THE SUN  
The Largest Source



DIGITAL DEVICES



ARTIFICIAL LIGHTING

### GET PROTECTION OPTIMIZED FOR YOUR LIFE.

Unlike other solutions for filtering Harmful Blue Light, Essential Blue Series™ lenses let you enjoy your world through a clear lens—without a yellow tint.

Protection is available across a wide selection of single vision and progressive lenses.

### ADVANCED TECHNOLOGY

Blue light can be good or bad. *Essential Blue Series* lenses have technology that can differentiate between the two, helping filter out Harmful Blue Light while letting in the Beneficial Blue Light that helps regulate mood and sleep cycles.

Ask your Eyecare Professional about *Essential Blue Series* lenses.

\*Standard clear lenses filter approximately 5% of Harmful Blue Light.

\*\*Beneficial Blue Light is the blue-turquoise wavelengths from 465-495nm on the light spectrum.

<sup>†</sup>Essential Blue Series lenses filter out at least 20% of Harmful Blue Light.