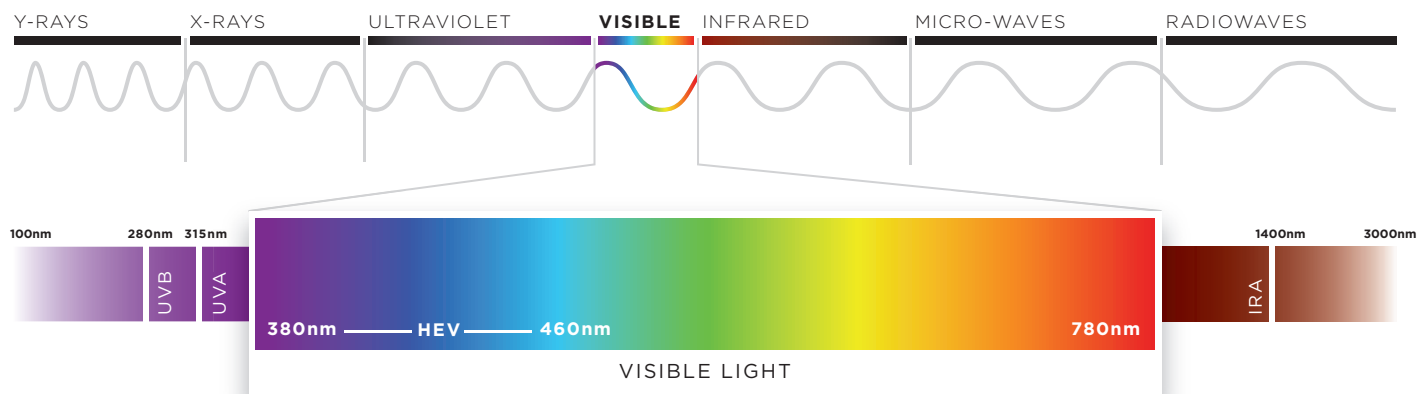


## What is Harmful Blue Light?

Blue light (also known as High Energy Visible Light) is at the far end of the visible spectrum, close to ultraviolet light, with a wavelength of between 380-460 nanometers. Harmful Blue Light is centered around 435nm<sup>1</sup>.



## Where is Harmful Blue Light found?

Often associated exclusively with electronic devices and screens, Harmful Blue Light is actually present both indoors and outdoors. The sun is the largest singular source of Harmful Blue Light, scattering it through the atmosphere and emitting over 100 times the intensity of electronic devices and screens!



## How do *Transitions* lenses help?

Delivering comfort of vision today and helping provide comprehensive protection for tomorrow, *Transitions* lenses block harmful UV and reduce exposure to Harmful Blue Light indoors and outdoors so you can safely enjoy your vision today and in the future.

**Transitions®**  
ADAPTIVE LENSES™

All Transitions® lenses help protect eyes from Harmful Blue Light, indoors and outdoors.



**Indoors, Transitions** lenses filter Harmful Blue Light emitted by artificial sources such as digital devices and LED lights.



Outdoors, they protect from the Sun's UV rays and darken to provide even more protection from Harmful Blue Light and intense glare.

## Transitions® Signature®

Transitions® Signature™ VII lenses block at least 20% of Harmful Blue Light indoors, and block over 85% outdoors.



**Blocks at least  
20% indoors**



**Blocks over  
85%  
outdoors**

## Transitions® XTRActive®

Transitions® XTRActive® lenses help provide more protection than *Transitions Signature* VII lenses — they provide more protection against Harmful Blue Light everywhere you need it by blocking at least 34%<sup>3</sup> of the Harmful Blue Light indoors and 88% to 95% of Harmful Blue Light outdoors.



**Blocks at least  
34% indoors**



**Blocks over  
88%  
outdoors**

## Transitions® Vantage®

Transitions® Vantage™ lenses reduce exposure to Harmful Blue Light, blocking at least 34% indoors, and over 85% outdoors.



**Blocks at least  
34% indoors**



**Blocks over  
85%  
outdoors**

Transitions®  
ADAPTIVE LENSES™

<sup>2</sup> Transitions® lenses block 20% to 36% of harmful blue light indoors excluding CR607 Transitions® Signature® VII products which block 14% to 19%.

<sup>3</sup> Transitions® XTRActive® lenses and Transitions® Vantage® lenses block 34% to 36% of harmful blue light indoors excluding CR607 Transitions® XTRActive® products which block 27% to 31%.

©2016 Essilor of America, Inc. All rights reserved. Transitions, the swirl, Transitions Signature, Vantage, and XTRActive are registered trademarks and Transitions adaptive lenses are trademarks of Transitions Optical, Inc., used under license by Transitions Optical Limited. ©2016 Transitions Optical Limited. Photochromic performance is influenced by temperature, UV exposure, and lens material. LTRN200552 SHK/HB 8/16