

Protect Your Eyes

ACCU^{BLU}

Clear Blue Light Protection



(HEV) High Energy Blue Light Protection



UVA/UVB Protection



No Noticable Hue/Tint



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“ 90% of patients do not talk to their EyeCare provider about digital device usage “

- The Vision Council

AccuBlu is a Lens material (*not an Anti-Reflective Coating*). Poseldon or Neptune Anti-Reflective coating is recommended to further enhance the design of AccuBlu.

For best results combine with



OR



www.AccuLab.net

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What you Need to Know About HEV

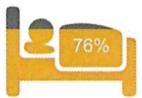
(High Energy Visible)

Blue Light

Did You Know?

Nearly 60% of Americans use digital devices for five or more hours each day and 70% of Americans use two or more devices at a time.

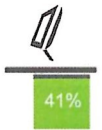
Use of technology can have unintended consequences for our health.



76% of Americans look at their digital devices in the hour before going to sleep.



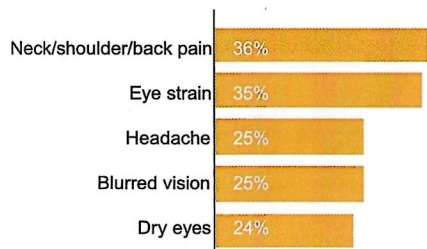
Adults under 30 experience the highest rates of digital eye strain symptoms (73%) compared with other age groups.



41% of women report experiencing back pain or text neck symptoms compared to 30% of men.

65% of Americans report experiencing symptoms of digital eye strain.

Symptoms Reported:



27%

of Americans do not know computer eyewear can protect against digital eye strain.

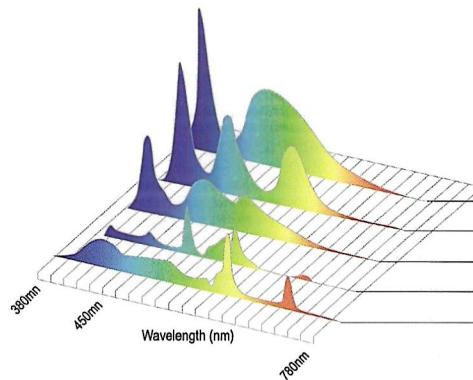


Blue Light

Blue light, the most potent light in the visible spectrum, reaches the retina at the back of the eye and can cause damage to the macula. Peer-reviewed research spanning several decades has shown that photo-oxidation by blue light in the 400-500nm range can be harmful to retinal cells. Prolonged exposure over the course of years could lead to long term ocular health concerns such as cataracts, digital eye strain, and macular degeneration.*

Technology

The usage of computer monitors, laptops, tablets, and smart phones along the prevalence of high efficiency light bulbs, flat screen TVs, and other household items that are considered "staple" items using HEV (high energy visible) light creates an unprecedented level of exposure in today's population.



- LED Light
- Smartphone
- Tablet
- LCD Screen
- TV Screen

**Talk to Your Eye Care Provider About How AccuBlu Lenses Can Help Reduce Symptoms for Digital Eye Strain and Offer Protection from Harmful HEV Blue Light



State of the Art Protection up to 420nm

AccuBlu provides state-of-the-art protection from harmful UVA, UVB, and High-Energy Blue Light (HEV) by absorbing up to 420nm without the addition of a special HEV anti-reflective coating.