

Precision Lens

block blue rays, which reduces eyestrain, increases visual acuity, and protects from the long-term effects of blue light exposure.



- Short-wave length, high-energy blue light rays in the 450 to 495 nanometer range penetrate the light sensitive retina in the back of the eye. The remaining visible light spectrum is filtered at the lens of the eye. Sources of blue light include the sun, digital screens (TVs, computers, laptops, smart phones, and tablets), and fluorescent and LED lighting.
- Short term exposure to blue light rays causes eyestrain, and long term exposure causes retinal damage which contributes to macular degeneration.

