### For the Patient

## For the Practice

- Significantly reduces Harmful Blue Light exposure
- Reduces potential eyestrain and eye fatigue caused by prolonged exposure to Harmful Blue Light
- Provides UV Protection
- Accommodates various viewing needs
- Confidence and peace of mind that comes with the trusted Kodak brand name

- Filters up to 80% of HEV Blue Light
- 100% Direct UV Protection
- Options for both indoor and outdoor activities
- Progressive, single vision and computer lens designs to accommodate a majority of patients
- Kodak brand name: exclusively available from independent eyecare professionals



# Color Guard

Color Guard Lens Technology™ is the proprietary process used in the creation of Total Blue Lenses. The combination of lens material and coating helps protect against UV rays and filters HEV Blue Light.





Learn more at www.KODAKLens.com/PRO or www.SignetArmorlite.com



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# See the Colors of Life®





# **Total Blue Lens** Filtering Harmful Blue Light

Technology has made a large impact, not only on how we communicate and keep in touch with the world, but also with the amount of devices and time we spend using them. The prevalence of blue-light emitting devices has introduced the potential for another level of vision protection.

See the *Colors* of Life<sup>®</sup>

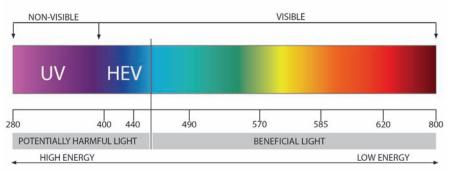
Kodak Total Blue Lens delivers:

- Blue Light Filtering: Filters up to 80% of High Energy Visible (HEV) Blue Light\*
- **UV Protection:** 100% protection from direct UV rays
- Glare Reduction: Provides protection from glare and reflections caused by digital devices (televisions, computer monitors, handheld devices), LED lighting and energy-efficient compact fluorescent lights (CFLs)
- Object Recognition: Helps with object recognition in low-light and night-driving conditions
- Versatile Options: Clear and polarized materials in progressive, single vision and computer lens designs
- Brand Strength: Kodak is one of the most trusted and recognized consumer brand names

\*HEV Blue Light designation as 380-440nm based on visible light spectrum of 380-780nm. Review of Optometry. February 2014

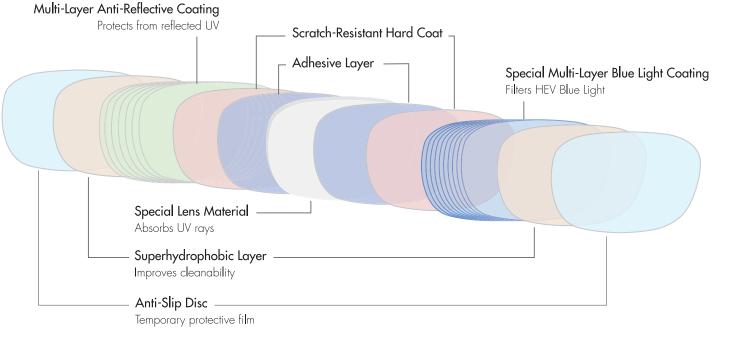
# Understanding **The Color Spectrum**

Vision is made up of colors. To be more specific, vision is made up of a color spectrum. Each color is created by different energy wavelengths measured in nanometers (nm). The high energy end of the visible light spectrum is known as HEV Blue Light. It is the violet/blue band of the color spectrum and may have an impact on eyestrain and overall eve health.\*



### A Hybrid Offering for **UV and Blue Light Management**

Total Blue Lens is a hybrid of lens material and coating that filters HEV Blue Light and protects against UV rays. It starts with a special lens material<sup>\*\*</sup> that is able to absorb 100% of UV rays. A hard coat is applied for scratch resistance. A special multi-layer blue light coating is applied to the front of the lens to help filter up to 80% of HEV Blue Light. Additional layers on the backside of the lens provide protection from potential reflected UV rays. A superhydrophobic layer is also added for easy-to-clean lenses.



\*Vision Council, 2016 Digital Eye Strain Report \*\*Special lens material is only used in clear version of Total Blue Lens.

# See the *Colors* of Life<sup>®</sup>



Total Blue Lens filters HEV Blue Light prevalent in many digital devices including computer screens.

- Minimal residual color with a slight blue reflection
- Lens Design Options: Progressive, Single Vision and Computer/Task-Oriented



Total Blue Lens is also available in polarized options for outdoor eyewear.

- Polarized gray with blue mirror-like finish
- Lens Design Options: Progressive and Single Vision

LENS MATERIAL

### Total Blue Lens Availability

		Clear			Polarized Gray			
	LENS DESIGN	1.56	1.67	1.74	1.50	Poly	1.67	1.74
PROGRESSIVE LENSES	<b>Kodak</b> Unique™ HD Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Kodak Unique Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Kodak Precise <sup>®</sup> PB Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Kodak Precise Short PB Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Navigator <sup>®</sup> FBS Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Navigator Short® FBS Lens	$\checkmark$	<b>√</b>	<b>√</b>	$\checkmark$	<b>√</b>	<b>√</b>	$\checkmark$
	DirecTek™ Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	DirecTek Short Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
COMPUTER/TASK- ORIENTED LENS	Kodak SoftWear® Lens	$\checkmark$	$\checkmark$					
SINGLE VISION LENSES	Kodak Digital Single Vision Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	Single Vision Lens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$