Total Relief
Reduces: eye strain, headaches, blurred vision, dry eyes, and neck, shoulder & back pain associated with blue-violet High Energy Visible (HEV) light and the use of electronic devices, fluorescent lighting, flat screens and LED’s.

Total Protection
Glare, UV, HEV, smudge, water, dust, oil and scratch resistance for complete protection and ease of care. Provides a more natural color perception than those “yellow” lenses. Inside or out, Retinal Bliss DES is THE solution.

Why Retinal Bliss DES?
- Filters harmful blue-violet HEV light (up to 17%) in the 400-455nm range, which are the more harmful, shorter wavelengths.
- Provides excellent light transmission in the visible range, allowing beneficial light to pass through & provide great visual acuity.
- Includes a proprietary backside coating which transmits blue light away from the eye and reduces backside reflection to <1%.
- Offers the highest level of UV protection (when used on Poly, High Index & Trivex).

Technical Details
The image below shows a curve starting at 17% at 400nm and 5% at 500nm. The shorter wavelengths (closer to 400nm) are more dangerous to the eye as they are able to penetrate deeper. Therefore, blocking a greater percentage at the lower end of the blue-violet or High Energy Visible (HEV) range is more beneficial.

RETINAL BLISS DES REFLECTANCE

The curve represents the % reflected at each point as it corresponds to the measurement of the lightwave. Some amount of HEV is actually normal & healthy for the eye, Retinal Bliss DES helps reduce excessive amounts of harmful HEV.

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