

# Retinal Bliss DES<sup>®</sup>

## 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.

## Make the DIGITAL LIFE Less of a Strain

## 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%.

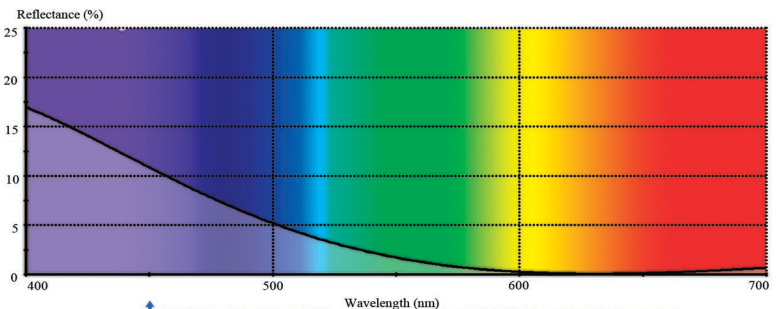


Offers the highest level of UV protection (when used on Poly, High Index & Trivex).

## 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



Retinal Bliss DES Blocks or Attenuates HEV light in the 400-500nm range.

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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