

- Invention of color **Contrast** windshields
- Reduces **Headlight glare** at night
- Provides clear vision on **Rainy Days**

Without NEOSKY



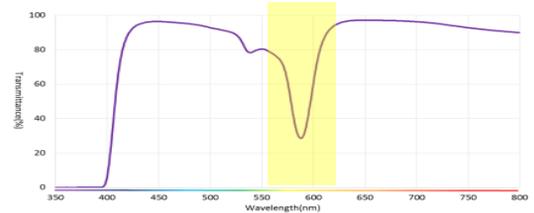
With NEOSKY



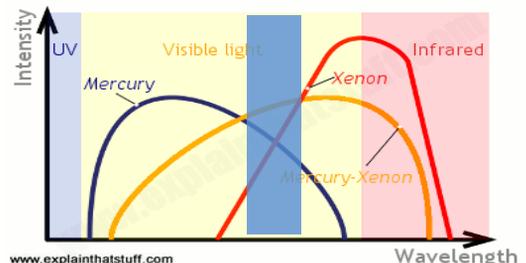
- NEOSKY effectively reduces 580 nm light (Light at 580 nm is the most disruptive to the human eye.) provides a clear view, and enhances the contrast of scenery.

Window Film meets Optical Technology

- Contrast**
 NEOSKY increases contrast of Color. Using the Yellow spectrum cut Optical technology, NEOSKY creates contrasted vision and clarity to the windshields of vehicles.
- Headlights**
 Yellow Light is the longest wavelength. Car headlights use Xenon and Halogen bulbs, that produces Yellow spectrum and glare. NEOSKY reduces 570nm~590nm wavelength that reduces glare and strain on eyes from car headlights.
- Daily IR rejection**
 NEOSKY has Infrared Cut technology that reduces IR Rays coming into the car creating a more comfortable environment while driving.
- Eye care**
 To protect the eyes from light pollution, NEOSKY has effectively reduced the yellow spectrum entering the cornea of eyes by reducing VLT energy by 20%. **This provides a cooling effect for the driver's eyes.**



Reduced Yellow Light Frequency



Car Head Light Spectrum

Installation Example



Without NEOSKY

With NEOSKY

Product Specification

| | | |
|------------------------------------|-------------|------------|
| Visible Light Transmitted | | 70% |
| Window Film Color | | Light Blue |
| Visible Light Reflected | External | 8.3% |
| | Internal | 8.2% |
| Solar Heat | Transmitted | 58.2% |
| | Reflected | 6.6% |
| | Absorbed | 35.2% |
| IR Rejected | 900~1000nm | 46.2% |
| | 780~2500nm | 79.2% |
| UV Rejected | | 99%↑ |
| Total Solar Energy Rejected (TSER) | | 38% |

SMP Window Films

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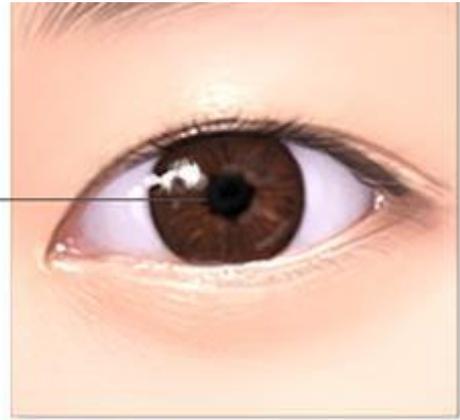
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Night Driving



in dark places

dilated pupil



in light places

After Installation of NEOSKY

Due to car headlights, eyesight is heavily affected while driving at night.

While in the dark, the pupil dilates to let light into the eyes, but when hit with direct light from the opposite lane, the pupil has to back to its original size to reduce light coming into the retina. Quick dilation of the eyes causes temporary blindness for 4-5 seconds.

NEOSKY effectively reduces the yellow spectrum entering the cornea of eyes by reducing VLS energy by 20% while maintaining over 70% red, blue, green light entering the eyes to remove short-term blindness.

NEOSKY also provides better vision on rainy roads because of its ability to block reflections from streetlights and headlights.



Without NEOSKY