

Targeting Visual Performance

FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin are clinically proven ingredients to enhance the quality of vision and visual performance, broadening your market to reach consumers of all ages. The ingredients can be formulated in products that address:

- **Glare Recovery and Bright Light Sensitivity** – associated with night-time driving
- **Contrast Sensitivity** – for sharper vision between two objects
- **Visual Processing Speed** – ideal for amateur and professional athletes from eSports/gaming to golf

Optisharp
Zeaxanthin
Natural



MARKET NEED FOR EYE HEALTH PRODUCTS

The glare from passing headlights can make night driving difficult. A driver's eyes need time to recover full vision from the temporary blinding effect of oncoming headlights. For some drivers, the challenges might lead to avoidance of night driving altogether. Fast recovery time for eyes is a matter of safety.

**SPORTS
VISION
PERFORMANCE**



INGREDIENTS FOR VISION QUALITY

FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin support eye performance throughout life, enhancing quality of vision even in people with 20/20 eyesight. Research shows that FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin can be absorbed by the body and increase macular pigment optical density,¹ a measure of lutein and zeaxanthin in eyes. FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin are naturally sourced from marigold flowers and are the same absorbable form of lutein and zeaxanthin found in common foods.



MOST RESEARCHED



TRUSTED BY DOCTORS



BLUE LIGHT BRAND



SAFE FOR BABIES



EXCELLENT STABILITY



PROVEN BIOAVAILABLE

BETTER VISUAL PERFORMANCE FOR BETTER QUALITY OF LIFE

THE BENEFITS OF MACULAR PIGMENT OPTICAL DENSITY (MPOD)

MPOD provides an indirect measure of lutein and zeaxanthin status in the eyes. High levels of MPOD provide:

- Improved glare recovery
- Reduced bright light sensitivity
- Better contrast sensitivity
- Quicker visual processing speed



Glare Recovery

Although the very basis of sight is light entering the eye, too much light can be a problem. Glare from bright lights or the sun can cause both discomfort and temporary loss of vision (photostress). The measurement of the time that the eye needs to recover sight is termed photostress recovery. Research shows that daily supplementation with 10mg FloraGLO® Lutein and 2 mg OPTISHARP®/ZeaONE® Natural Zeaxanthin and the resulting increase in MPOD can help increase tolerance to the intensity of glaring light² and improve photostress recovery time following bright light.^{2,3}

Contrast Sensitivity

The level of lutein and zeaxanthin in eyes is correlated with contrast sensitivity, or the ability to see contrast between two objects. One example of good contrast sensitivity is being able to see a white golf ball against a clear blue sky. Even under low light conditions, FloraGLO® Lutein and OPTISHARP®/ZeaONE® Natural Zeaxanthin help with sharper vision and image quality.^{3,4}

Visual Processing Speed

Research shows that macular pigment optical density influences the processing of visual signals, improving visual-motor reaction time even in young healthy subjects.⁵⁻⁸



FloraGLO® Lutein and ZeaONE®/OPTISHARP® Natural Zeaxanthin are **sourced from marigold flowers** and available in a variety of beadlet/powder and oil forms for applications such as capsules, tablets, gummies, chews, soft gels, beverages, dairy and other food products.

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