



# Green Laser Enhancement Glasses (1997-02)

To compliment our wide range of alignment laser diode modules we have introduced a new range of Laser Enhancement Glasses which enhance projections in the green wavelength range (510nm to 580nm) by blocking light in other wavelengths, thus improving the visibility in outdoors or bright lighting condition's. The glasses also meet ANSI Z87 impact standard.

A wide range of styles are available and all models are covered by a 5 year frame warranty, based on the quality and structure of the components used which are of the highest level of quality.

**Please note** these are not laser safety glasses, but are conventional safety glasses that enhance the visibility of green wavelengths and do not protect the wearer's eye from the laser. It is recommend that these glass are only used with lasers were the output power conforms to class 2 and 2M.

## Features

- Enhances visibility in the wavelength range 510nm to 580nm
- Improves visibility in sunlight or bright lighting conditions
- 5 year frame warranty
- Adjustable frame size
- Available from stock
- Competitive pricing
- Meets ANSI Z87 impact standards





## Specification

### Display Wavelength (nm)/OD

190-400 4+  
>400-480 3+

### VLT

73%

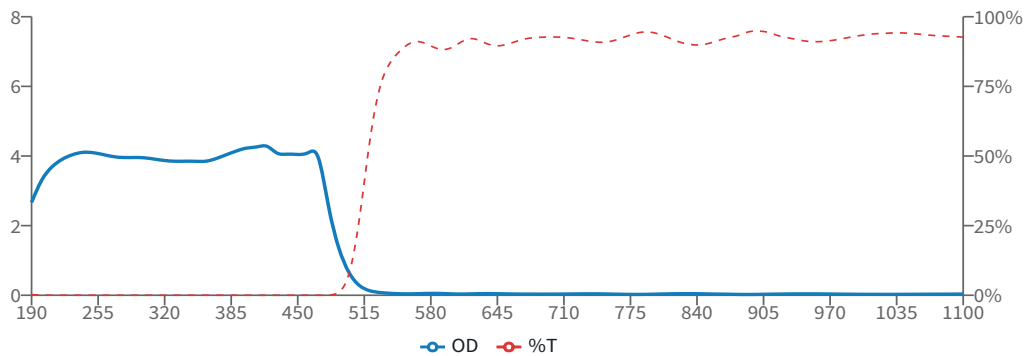
### CE Rating

Pending

### Lens Colour

Yellow

## Spectrophotometer Data



## Over Glasses Style



- Universal Large
- Comfortable fit over Rx glasses or alone
- Adjustable temples
- Comfort-touch frame
- Side-shields for wide field of view
- CE Certified (*Pending*)
- EN207 Certified

**Caution:** Never look directly into the path of a laser beam. Laser safety eyewear offers protection against accidental exposure to stray or diffused reflection of laser beam energy for a maximum exposure of 5 seconds.

Laser safety eyewear protects only the wearer. All personnel within the work area should wear appropriate eye protection against possible exposure to reflected beam energy. Increased work area lighting may be required if eye protection luminous transmittance is less than 20%.

All laser safety eyewear are clearly marked with wavelength (nm) and absorption (OD) (Optical Density =  $\log [1/T_{sig}]$  where  $T_{sig}$ =spectral transmittance) and L-rating referencing tables 1 and 4 in EN207 (where applicable). Absorption curves available upon request. Colour recognition (of warning lights, etc) may be impaired by use of tinted filters.

Filters have passed environmental testing with extended ranges of +65 to 160°F.

### Care & Cleaning

- Store product in protective case when not in use.
- Store in areas not exceeding 26°C (80°F).
- Discard if damaged, faded or if scratches reduce vision.
- Clean with a mild detergent or any over the counter lens/sunglasses cleaner (no alcohol) and wipe with non-abrasive cotton cloth.

**Please Note:** Global Laser reserve the right to change descriptions and specifications without notice.



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