

NO MORE GLARE

The Case for Going Polarized



Why does it make sense to spend more for polarized sunglasses?

The short answer: They're better for your eyes.
(see bullet points on page 2.)

The long answer: With polarized lenses, you receive higher levels of protection from glare, which gives you a clearer view of what you're doing. This improves the possibility of safely performing a skipper or crew's duties for yourself and reduces the level of danger to others.

The use of polarized lenses also reduces the strain on your eyes which increases the likelihood of

longevity and improves the ability of your eyes to do their job. In the past, most of us have addressed intense light by just using darker lenses but there is a problem with that approach. While darkly tinted sunglasses may reduce brightness, they do not remove glare like a polarized lens. In addition, dark sunglasses without added ultraviolet protection may cause more damage to the your eyes than not wearing sunglasses at all. The darkness of the lens can cause the pupil to dilate, thus letting more ultraviolet rays into the inner parts of the eye. Polarized lenses solve both problems by eliminating glare and filtering out harmful ultraviolet light because the filter reduces the polarized glare and also has inherent ultraviolet absorbing properties.

Today's polarized lenses represent the best sun-wear and outdoor lifestyle options available. When purchasing sunglasses you want to make sure that they use polarization methods to filter our harmful UV rays otherwise your basically wasting your money and perhaps damaging your eyes. If you're buying sunglasses that are cheap, there is probably a reason they are cheap.

Regular Sunglasses



Polarized Sunglasses



So how do polarized sunglasses work?

The principle of polarized light reduction is best illustrated by thinking of a polarized lens as a Venetian blind. The blind blocks light at certain angles while allowing light to transmit through selected angles. Polarizing filters are aligned 90° to the angle of the polarized light. As spectacle lenses are designed to eliminate the polarized light in the horizontal plane, the filter is placed vertically in the eye-ware or properly filter out the desired light waves.

This also means that the filter must be properly aligned during surfacing and edging layout, otherwise the filter will not work properly. The technical aligning derived from this manufacturing process also increases the cost of the sunglasses. This aligning of the lenses explains why when you're wearing polarized glasses you will have a hard time reading LCD screens of your GPS, tablet or smart-phone from certain angles. Alas everything has a drawback, but considering the benefits, adjusting your view to read an LCD screen is a small price to pay for better eyesight as we grow grey.

Features of Polarized Lenses

- Filters glare
- Enhances contrast
- Reduces squinting
- Cost more than traditional lenses
- Make you look smart & cool

Benefits of Polarized Lenses

- Reduces eyestrain, greater comfort
- Improves visual acuity, provides safety
- Eyes feel rested
- Realistic perception
- Reduces reflections and enhances visual clarity

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