Low Vision Eyewear

Who is NoIR InSight?

We've been designing and manufacturing specialty eyewear for over 50 years. We love empowering people to do more and see more through eyewear that protects and enhances vision, enables mobility, and increases comfort.

Laser Safety

Specially formulated filters that protect people working with lasers against harmful effects of direct, reflected, or scattered laser radiation.

Low Vision

Specially formulated filters that enhance and protect eyesight for people with a range of medical conditions that affect the eye.

Sun Protection

Specially formulated filters that reduce glare, offer 100% UV protection, and relieve light sensitivity, all with a sense of style!

The Fundamentals

Filter Options & Details

Low Vision Conditions & Filters

Sunglasses & Filters

Frame Options & Details

Customer Testimonials

Considerations for Selecting Your Low Vision Filter

Selecting the most effective filter is a subjective process, as individuals have different needs, preferences and specific requirements. Many people have more than one visual impairment, so our recommendations are offered as a guide only.

When identifying the most effective filter for a patient or client's eye condition, the following aspects should be considered:

- **Eye condition**
- **Visual acuity**
- **Contrast sensitivity**
- **Disability glare**

To make the optimal selection, assess each of these factors by testing different filters in various environmental settings, including in full and low light conditions.

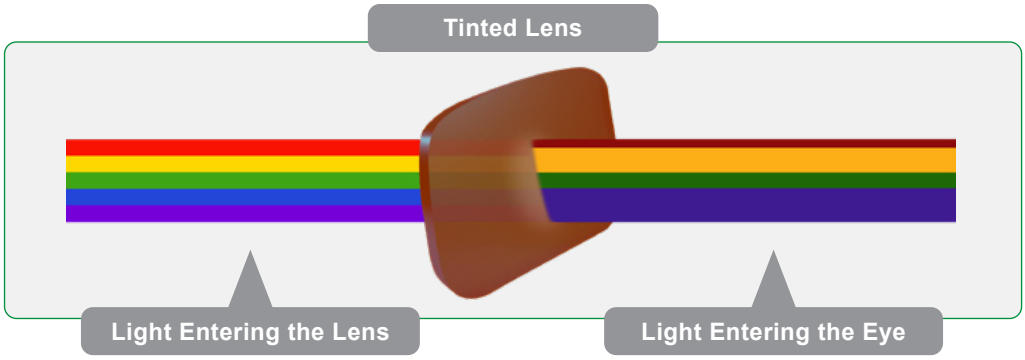
Choosing the darkest sunglasses for relief from debilitating or painfully irritating brightness without considering other crucial factors isn't always optimal. The darkest sunglasses can negatively impact visual acuity and contrast sensitivity. There's such a thing as too dark to be useful.

That's why so many NoIR filters selectively block parts of the light spectrum as well as reduce the overall amount of light energy.

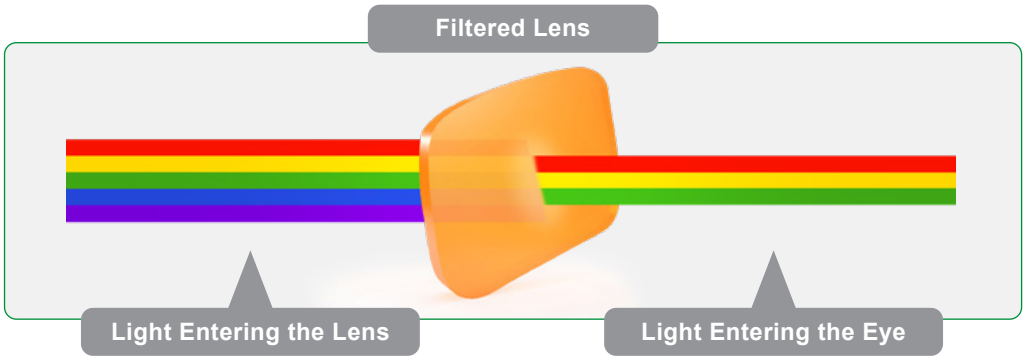
Advantages of Filtered Lenses Over Tinted Lenses

Common tinted lenses reduce the overall amount of light entering the eye by relying on the darkness or density of the colored lens.

They don't filter harmful light but simply reduce all light entering the eye. While glare may be reduced to provide relief, visual acuity may be affected, causing trips and falls if the patient or client cannot see obstacles when wearing them.



Filter lenses absorb overall density of light, but also can absorb light selectively across the spectrum, filtering out disturbing or harmful wavelengths and energy that the eye cannot handle, while letting only useful and beneficial light reach the eye.

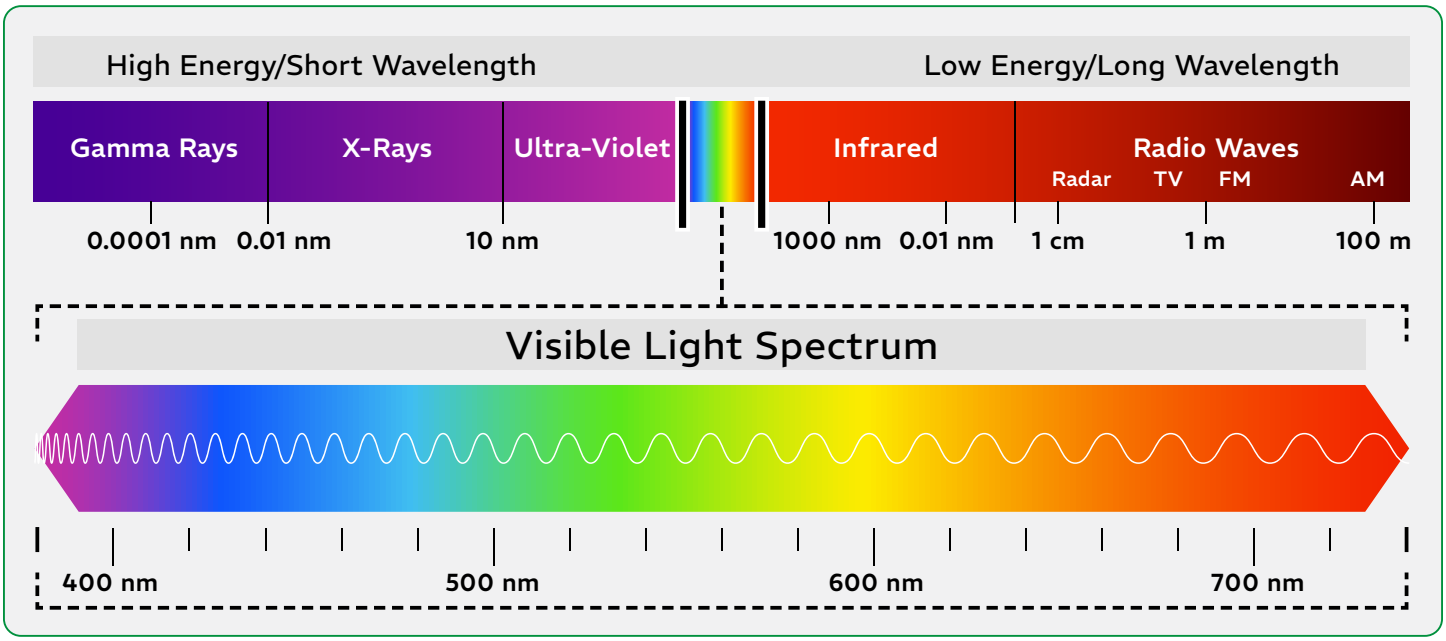


All NoIR lenses block light below 400 nm, filtering out UVA, UVB, and UVC rays. Some NoIR filters extend this to 550 nm, filtering out all blue and green light. Others filter out light below 570 nm, which begins to filter out some of the yellow light as well. There are also filters which pass the shorter wavelengths (often beneficial for achromats) or just block the yellows (brain trauma and optic nerve issues), and then there are several which reduce the infrared (IR) light as well.

The Science Behind Visible Light

The human eye is capable of seeing just a small portion of the electromagnetic spectrum that's emitted by the sun. The range humans see is known as the visible light spectrum, which includes all the colors of the rainbow and spans from approximately 380 nanometers (nm) to about 750 nm. Light waves are measured in nanometers, which are equal to one billionth of a meter.

The shorter wavelengths carry more energy, so it's the light/colors between 400 and 585nm (blue green and yellow) that typically cause the most concern for the visually impaired.



Key Terms for Selecting the Most Effective Filter

Choosing the right filter starts with understanding the key terms and abbreviations in this catalog. These definitions will help you navigate options clearly and show how each filter performs in different lighting conditions and levels of protection.

Key terms for understanding filter properties:

UV: Ultraviolet light protection. UV light, invisible to human eye poses risks of developing macular degeneration, cataracts and other eye illnesses after prolonged exposure.

VLT: Visible Light Transmittance is the amount of light that passes through a lens, measured as a percentage weighted against the sensitivity of the eye. Darker lenses have a lower VLT percentage, meaning less light gets through, while lighter lenses allow more light to get through, as reflected by the higher VLT percentage. 65-35% VLT is generally high enough to be useful in all environments, where VLTs 20% or lower should only be used in well-illuminated environments.

LL: Low Light is the designation of the filter for low light environments.

FL: Full Light is the designation of the filter for bright/full light environments.

BB: Blue Blocker designates a filter that reduces or eliminates harmful blue light.

IR: Infrared Protection designates a filter that cools the light by reducing the heat energy of the sun to provide a more soothing, comfortable viewing experience.

GL: Glare Reduction designates a filter that reduces harmful and blinding glare.

Filter Options

01: Amber

UV/IR/BB VLT: 15%

Reduces glare and enhances contrast. Helpful on overcast days.

02: Green

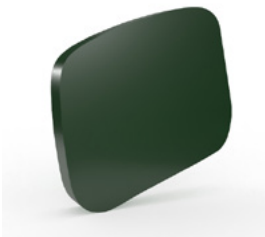
UV/IR/BB VLT: 9%

All purpose filter for reduced glare and improved visual acuity.

07: Amber

UV/IR/BB VLT: 3%

Relieves extreme photophobia and light sensitivity.



08: Grey-Green

UV/IR/BB VLT: 1%

Relieves extreme photophobia and light sensitivity. Not for drving.

11: Amber

UV/IR/BB VLT: 25%

Relieves sensitivity to indoor lighting, enhances contrast, and helps on overcast days.

12: Green

UV/IR/BB VLT: 26%

Reduces glare from indoor lighting and on hazy days.

17: Clear

UV VLT: 91%

Full UV protection with no reduction in visibility. Great for low light conditions.

20: Grey

UV VLT: 63%

Relieves indoor glare, particularly under fluorescent lighting.

21: Grey

UV VLT: 28%

Soothing neutral color enhances focus and reduces glare. Great for dusk.

22: Grey

UV VLT: 11%

Natural color rendition, cuts glare and enhances focus.

23: Grey

UV VLT: 4%

For extreme light sensitivity. Cuts glare, natural color rendition.

26: Blue

UV VLT: 16%

Blue lens eliminates the red spectrum of light. Provides relief for some achromats.

2P: Grey Polarized

UV VLT: 20%

Glare relief in a natural color. Excellent for sports. Limited frame selection.

33: Green

UV VLT: 5%

Glare protection for the extremely light sensitive.

40: Amber

UV/BB VLT: 18%

Popular color for light sensitivity. Helpful on overcast days.

41: Topaz

UV VLT: 57%

Migraines and headache relief, especially triggered by fluorescent light.

43: Amber

UV/BB VLT: 6%

Enhances contrast and relieves glare for the light sensitive.

465: Yellow

UV/BB/GL VLT: 81%

Enhances contrast and visual acuity, brightens image. Great for sports.

47: Topaz

UV VLT: 44%

Enhances contrast, provides glare reduction with natural color rendition.

48: Amber

UV VLT: 64%

Heightens contrast for indoor use. Reduces blue light from electronic devices.

Filter Options

4P: Amber Polarized

UVB VLT: 22%

Glare relief in a natural color. Excellent for sports. Limited frame selection.

505: Orange

UV/BB/GL VLT: 29%

Enhances contrast and visual acuity, brightens image. Great for sports.

533: Orange

UV/IR/BB VLT: 24%

Enhances contrast while reducing glare.

553: Orange

UV/IR/BB VLT: 29%

Enhances contrast while reducing glare.

57: Yellow

UV/BB VLT: 77%

Enhances contrast, brightens image, helpful for night blindness. Great for sports.

58: Yellow

UV VLT: 88%

Enhances contrast and brightens. Reduces blue light from electronic devices.

65: Orange

UV/IR VLT: 39%

Heightens contrast and reduces glare. Best for full light.

67: Orange

UV/BB VLT: 45%

Brightens and intensifies backgrounds for enhanced contrast. Great for sports.

68: Orange

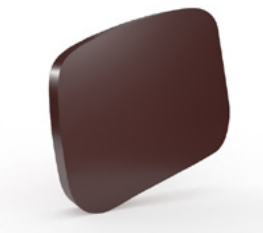
UV/BB VLT: 64%

Intensifies backgrounds, enhances contrast and visual acuity.

72: Purple

UV VLT: 26%

Soothes migraines, helps after brain traumas, blocks yellow light.



80: Plum

UV VLT: 3%

Contrast enhancement and glare relief. Approved filter for PDT.

81: Plum

UV/IR VLT: 19%

Soothing color glare reduction with improved visual acuity.

88: Plum

UV VLT: 57%

Enhances contrast and provides natural color rendition. Excellent indoor filter.

93: Red

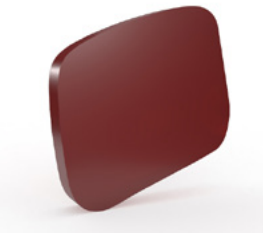
UV VLT: 6%

Relieves blur for rod achromats and monochromats.

97: Red

UV VLT: 14%

Relieves blur for rod achromats and monochromats.



99: Red

UV/IR VLT: 5%

Relieves blur for rod achromats and monochromats.

Supported Conditions & Applications

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Achromatopsia

Achromatopsia is a genetic disorder in which a child is born with nonfunctioning cones, the photoreceptor cells in the retina that perceive color. This rare condition is characterized by a partial or total lack of color vision; those afflicted with the complete variant only see white, black and different shades of gray, while those with the incomplete variant can see a limited number of colors. Achromats are extremely light sensitive and may experience blurred vision and other visual symptoms. Achromatopsia cannot be cured, but the following NoIR filters can help reduce light sensitivity and enhance visual functioning.

26: Blue
FL VLT: 16%

72: Purple
FL VLT: 26%

99: Red
FL VLT: 5%

93: Red
FL VLT: 6%

07: Amber
FL VLT: 3%

97: Red
FL VLT: 14%

Blue Reduction

These NoIR filters are recommended to help reduce exposure to blue light emitted by electronic devices (smartphones, tablets, laptops and flat screen TVs) which has been shown to disrupt sleep patterns, as it decreases the release of melatonin, the body's sleep hormone. NoIR blue light reducing filters help gamers and late-night computer users reduce eye strain, cut glare, and improve focus.

11: Amber
LL VLT: 25%

48: Amber
LL VLT: 64%

58: Yellow
FL VLT: 88%

Blue Blockers

Moderate exposure to naturally occurring blue light, the wavelengths in the 400-455nm range of the visible light spectrum, may provide benefits such as improved memory, increased alertness, attention span and reaction times, and improved mood. But long-term exposure to blue light has also been associated with macular degeneration and other retinal diseases. NoIR recommends the following filters for protection against the short, high-energy wavelengths that cause glare and may contribute to the degenerative process culminating in macular degeneration:

67: Orange
FL VLT: 45%

505: Orange
FL VLT: 29%

43: Amber
FL VLT: 6%

01: Amber
FL VLT: 15%

58: Yellow
LL VLT: 88%

11: Amber
LL VLT: 25%

Brain Trauma

NoIR recommends the following filters that may help alleviate eye symptoms caused by brain trauma, including light sensitivity, blurred or double vision, depth perception problems, eye pain and headaches, decreased peripheral vision, and balance issues:

26: Blue
FL VLT: 16%

41: Topaz
LL VLT: 57%

47: Topaz
LL VLT: 44%

72: Purple
FL VLT: 26%

Cataracts

Cataracts are caused by the breakdown of proteins and fibers in the lens of the eye and impact vision by making objects look foggy or cloudy. Cataracts typically develop slowly as the eye ages and are treated with lens replacement surgery when the symptoms, which include increasing difficulty with vision at night, sensitivity to light and glare, seeing halo effects around lights, and fading or yellowing colors, start affecting everyday life. NoIR recommends the following filters for relief of symptoms caused by cataracts:

17: Clear
LL VLT: 91%

21: Grey
LL VLT: 28%

47: Topaz
LL VLT: 44%

465: Yellow
LL VLT: 81%

01: Amber
FL VLT: 15%

20: Grey
FL VLT: 63%

Post Cataract

Cataract removal surgery involves replacing the aged, clouded lens with a new (and often Rx corrective) lens, restoring clear vision and visual acuity. Sunglasses are essential after cataract surgery to reduce the light sensitivity experienced for several weeks as the eyes adjust. NoIR recommends the following filters for relief after the cataract surgery:

21: Grey
LL VLT: 28%

22: Grey
LL VLT: 11%

40: Amber
FL VLT: 18%

47: Topaz
LL VLT: 44%

81: Plum
FL VLT: 19%

Contrast Sensitivity

Contrast sensitivity is the ability to distinguish low contrast images in the real-world (a street sign on a dark roadway, text on a page, the step height for a sidewalk at night). Decreased contrast sensitivity and the inability to make an accurate distinction between objects and their background are common conditions associated with aging as well as eye diseases such as macular degeneration, cataracts and glaucoma. NoIR recommends the following filters to help increase contrast sensitivity:

- **12: Green** — LL VLT: 26%
- **465: Yellow** — LL VLT: 81%
- **58: Yellow** — LL VLT: 88%
- **57: Yellow** — LL VLT: 77%

Corneal Pathology

The cornea is the clear, protective outer layer of the eye that guards against dirt, germs and UV light that might damage the eye. Corneal damage due to injury, infection, or genetic disorders can cause symptoms such as pain, blurred vision, tearing, redness, and extreme sensitivity to light. The effects of corneal pathology include contrast sensitivity, discomfort glare sensitivity, and loss of detail. NoIR recommends the following filters to alleviate the symptoms of corneal pathology:

- **22: Grey** — LL VLT: 11%
- **81: Plum** — FL VLT: 19%
- **33: Green** — FL VLT: 5%
- **01: Amber** — FL VLT: 15%
- **41: Topaz** — LL VLT: 57%
- **72: Purple** — FL VLT: 26%

Diabetic Retinopathy

Diabetic retinopathy is a complication from diabetes where high blood sugar damages blood supply in the retina – the light-sensitive lining of the back of the eye. The damage is permanent, and can range from blurred vision, difficulty seeing well at night, seeing spots or floaters, experiencing blank/dark areas in the field of vision up to complete vision loss. NoIR recommends the following filters for contrast enhancement and general comfort:

- **22: Grey** — LL VLT: 11%
- **81: Plum** — FL VLT: 19%
- **01: Amber** — FL VLT: 15%
- **02: Green** — FL VLT: 9%
- **47: Topaz** — LL VLT: 44%

Glaucoma

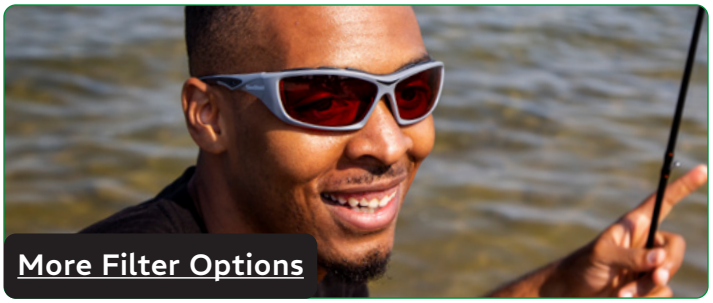
Glaucoma is a disease that damages the optic nerve connecting the eye to the brain due to high inner eye pressure. Glaucoma symptoms appear slowly and typically start with reduced peripheral vision, and if left untreated, can lead to vision loss and blindness. NoIR recommends the following filters for relief of heightened light sensitivity and glare, commonly experienced by glaucoma patients:

- **22: Grey** — LL VLT: 11%
- **21: Grey** — FL VLT: 28%
- **33: Green** — FL VLT: 5%
- **81: Plum** — FL VLT: 19%
- **40: Amber** — FL VLT: 18%
- **02: Green** — FL VLT: 9%

Low Vision Glare

Glare is the number one issue for the visually impaired and a common problem for all people. Glare, the extremely bright direct or reflected light that shines into the eyes, is quite uncomfortable and can interfere with the performance of everyday activities. Glare originates from many different sources: direct and reflected sunlight, headlights at night, or artificial lights, and is classified as discomforting, disabling or blinding (dazzling) glare. NoIR recommends the following filters for relief of glare:

- **67: Orange** — FL VLT: 45%
- **23: Grey** — FL VLT: 4%
- **2P: Grey** Polarized — FL VLT: 20%
- **40: Amber** — FL VLT: 18%
- **4P: Amber** Polarized — FL VLT: 22%
- **88: Plum** — LL VLT: 57%



Macular Degeneration

Age-related macular degeneration is caused by the damage to the macula, the small but critical area in the center of the retina. It is characterized by the loss of central vision, especially the fine details which become blurred. In dry macular degeneration, the center of the retina deteriorates due to deposits of drusen (yellow deposits under the retina), while with wet macular degeneration, blood vessels grow and leak under the retina, causing scarring. In both cases peripheral vision remains intact, but central vision is lost and mobility is often impaired. NoIR recommends the following filters for glare control and contrast enhancement:

- **67: Orange** — FL VLT: 45%
- **505: Orange** — FL VLT: 29%
- **11: Amber** — LL VLT: 25%
- **40: Amber** — FL VLT: 18%
- **465: Yellow** — LL VLT: 81%
- **65: Orange** — FL VLT: 39%

Migraines

Migraines are not simple headaches. Light sensitivity is a common symptom and sometimes a trigger for a migraine. Those afflicted with it often retreat to darkened rooms and use sunglasses to cope with the debilitating pain. Research shows that both sunlight and artificial light can trigger migraines, worsen headaches, and cause photophobia, eye pain, and fatigue. NoIR offers glasses specifically formulated to filter the light that can trigger or worsen such symptoms. They can provide migraine relief and reduce their frequency for many, while also decreasing photophobia and relieve headaches and eye pain worsened by natural and artificial light. Recommended filters:

- **26: Blue** — LL VLT: 57%
- **72: Purple** — FL VLT: 26%
- **41: Topaz** — LL VLT: 57%
- **81: Plum** — FL VLT: 19%

Night Blindness

Night blindness is not a disease in itself, however, it is often a symptom of an underlying retinal condition or extreme myopia (nearsightedness). The most common signs of night blindness include blurry or cloudy vision in low light, difficulty seeing objects in dim lighting, inability to see stars in the sky at night, seeing halos around lights, struggling to adjust vision when entering a dark room from a bright area, and excessive squinting at night. NoIR recommends the following filters:

- **12: Green** — LL VLT: 26%
- **465: Yellow** — LL VLT: 81%
- **58: Yellow** — LL VLT: 88%
- **57: Yellow** — LL VLT: 57%

Photophobia

Photophobia describes extreme light sensitivity and eye discomfort in bright light. It is a relatively common condition, often unrelated to specific health issues, and symptoms can include significant eye pain, aversion to light, a sense that everything appears excessively bright, squinting one or both eyes, seeing bright colored spots, even in the dark or with your eyes closed, and difficulty reading or looking at pictures or text. NoIR recommends the following filters for relief of photophobia and general comfort:

- **23: Grey** — FL VLT: 4%
- **07: Amber** — FL VLT: 3%
- **33: Green** — FL VLT: 5%
- **08: Grey-Green** — FL VLT: 1%
- **43: Amber** — FL VLT: 6%
- **72: Purple** — FL VLT: 26%

Retinitis Pigmentosa

Retinitis pigmentosa refers to a group of genetic disorders causing retinal degeneration that usually begins in childhood and progresses to severe vision loss and legal blindness for many by middle age. Night blindness is a common early symptom, with others including loss of peripheral vision (tunnel vision), slow adjustment from bright sun to indoor lighting, difficulty seeing colors and the inability to see in dim light. NoIR recommends the following filters for relief of the symptoms and contrast enhancement:

23: Grey
FL VLT: 4%

41: Topaz
LL VLT: 57%

43: Amber
FL VLT: 6%

553: Red
FL VLT: 29%

08: Grey-Green
FL VLT: 1%

72: Purple
FL VLT: 26%

Sunglasses

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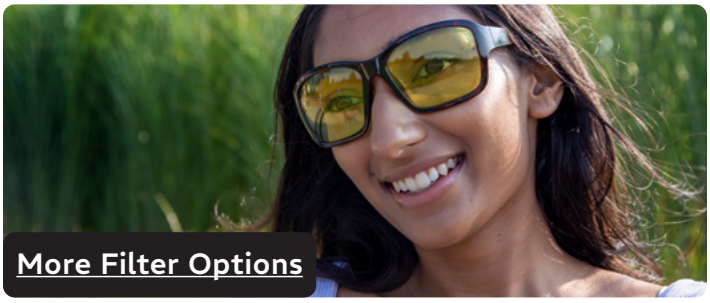
Blue Blockers

Moderate exposure to naturally occurring blue light, the wavelengths in the 400-455nm range of the visible light spectrum, may provide benefits such as improved memory, increased alertness, attention span and reaction times, and improved mood. But long-term exposure to blue light has also been associated with Macular Degeneration and other retinal diseases.

- **67: Orange** — FL VLT: 45%
- **4P: Amber** Polarized — FL VLT: 22%
- **43: Amber** — FL VLT: 6%
- **80: Plum** — FL VLT: 3%
- **505: Orange** — FL VLT: 29%
- **57: Yellow** — LL VLT: 77%



Glare Sunglasses

NoIR sun filters effectively reduce glare, the extremely bright, reflected light that can interfere with performance of everyday activities. Whether you're on the water, on the snow or squinting through the glare on the golf course or the highway, NoIR filters deliver relief from discomforting, disabling or blinding (dazzling) glare. The following filters are recommended for glare:

- **2P: Grey** Polarized — FL VLT: 20%
- **4P: Amber** Polarized — FL VLT: 22%
- **33: Green** — FL VLT: 5%
- **47: Topaz** — LL VLT: 44%
- **88: Plum** — LL VLT: 57%
- **02: Green** — FL VLT: 9%

Light Sensitivity

Many people suffer from light sensitivity which refers to an intolerance of light that causes discomfort or pain in the eyes. NoIR recommends the following filters for relief of common symptoms such as squinting, excessive blinking or shielding the eyes from light:

- **23: Grey** — FL VLT: 4%
- **43: Amber** — FL VLT: 6%
- **33: Green** — FL VLT: 5%
- **72: Purple** — FL VLT: 26%
- **80: Plum** — FL VLT: 3%
- **08: Grey-Green** — FL VLT: 1%

Night Driving

Nighttime driving can create eye strain from harsh headlights, halos around lights or reduced vision in low light. NoIR recommends the following yellow filters that absorb short, high energy blue wavelengths and help reduce glare at night:

58: Yellow
LL VLT: 88%

465: Yellow
LL VLT: 81%

57: Yellow
LL VLT: 77%

Sports & Active

NoIR sports sunglasses come in a variety of filters reducing glare and enhancing contrast to help you enjoy the outdoors in any light condition with full UV protection and impact resistance. NoIR recommends the following filters:

17: Clear
LL VLT: 91%

67: Orange
FL VLT: 45%

4P: Amber
FL VLT: 22%

21: Grey
LL VLT: 28%

41: Topaz
LL VLT: 57%

88: Plum
LL VLT: 57%

Frame Selection

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Our largest fitover, ever.

Inspired by the popular 53 model, the 53X takes everything customers love about the original and sizes it up for a bold, extra-large fit. Larger than any other frame in our lineup, it's built to fit comfortably over even the largest prescription glasses while delivering the same trusted protection and clarity NoIR is known for. With the 53X, you get more room, more coverage, and more confidence.

Dimensions (mm):
W159, **H**52, **L**140

Selecting the Right Frame is Vital to Your Eyecare

NoIR offers a wide selection of frames in different styles and sizes to provide a comfortable and stylish fit for every face. Low vision support should never come at the cost of comfort or confidence. From tiny adventurers to active adults, from prescription wearers to those who prefer sleek simplicity, our frame options are designed to meet real-life needs with real-world style.

Pediatric Frames

Designed specifically for smaller faces, our Pediatric frames offer lightweight comfort and secure fit for children or adults with petite features. Durable and adjustable, they keep up with active lifestyles while delivering critical visual support.

Clip-On Frames

Ideal for those with prescription eyewear, Clip-Ons attach easily to existing frames—making it simple to add filtered protection without switching glasses. Lightweight and low-profile, they offer clarity and convenience when and where it's needed.

Fitover Frames

Built to wear comfortably over prescription glasses, Fitovers offer full coverage and excellent side protection. With a roomy interior and a variety of sizes, they're a go-to option for users seeking maximum versatility without sacrificing style.

Wrap-around Frames

For those who prefer a sleek, close-to-the-face fit, our Wrap-Arounds combine aesthetics with broad-spectrum protection. They block stray light and stay secure during movement, making them a favorite for active users and outdoor wear.

Below is an example of how we measure our frames.

W | Width is measured center to center at the temple hinge screws.

L | Length refers to temple length, measured from the temple screw to the temple tip.

H | Height is the tallest lens point, measured from the bottom to the top of the frame.

Wrap-around Frame | Fitover Frame | All Frames | All Frames

For more detail and to access our Fitover guide, click below.

Get Fitted Here

Pediatric Frames

NoIR offers a few selections of pediatric frames in wrap-around styles, as well as a fitover option and a clip-on for young patients with visual impairments.

Frame #14

Style: Wrap-around – Toddler
Dimensions: 108mm x 95mm x 32mm
Additional color option: blue
Soft frame material

Frame #41

Style: Fitover - Pediatric Medium
Dimensions: 130mm x 146mm x 37mm
Adjustable temples
Side and top protection

Frame #KS

Style: Wrap-around - Pediatric Extra Small
Dimensions: 127mm x 130mm x 35mm
Close-to-the-face-fit

Frame #KM

Style: Wrap-around - Pediatric Small
Dimensions: 127mm x 130mm x 37mm
Close-to-the-face fit
For petite faces, adolescents and pre-teens

Fitover Frames

Fitover frames are designed to fit snugly over the prescription glasses. They run a bit larger and wider than wrap-around glasses, hence their size designations differ from the wrap-arounds.

Frame #31

Style: Fitover - Small
Dimensions: 133mm x 140mm x 44mm
Comfortable fit over RX glasses or alone
Side-shields for wide field of view

Frame #36

Style: Fitover – Medium
Dimensions: 142mm x 140mm x 44mm
Additional color option: white

Frame #38

Style: Fitover - Large
Dimensions: 143mm x 140mm x 46mm
Comfortable fit over RX glasses or alone
Adjustable temples
Side-shields for wide field of view

Frame #39

Style: Fitover - Extra Large
Dimensions: 148mm x 144mm x 49mm
Comfortable fit over RX glasses or alone
Side-shields for wide field of view

Frame #41

Style: Fitover - Pediatric Medium
Dimensions: 130mm x 146mm x 37mm
Adjustable temples
Side and top protection

Frame #51

Style: Fitover – Medium
Dimensions: 140mm x 156mm x 43mm
Additional color option: white
Comfortable fit over Rx glasses or alone
Comfort fit soft temples
Superior temple coverage

Fitover Frames (Cont.)

Frame #53

Style: Fitover - Large
Dimensions: 146mm x 156mm x 44m
Additional color option: white
Comfortable fit over Rx glasses or alone
Comfort fit soft temples
Superior temple coverage

Frame #U

Style: Fitover - Large
Dimensions: 144mm x 149mm x 43mm
Comfortable fit over RX glasses or alone
Side-shields for wide field of view
Comfort fit temples

Frame #L

Style: Fitover - Extra Large
Dimensions: 152mm x 149mm x 51mm
Comfortable fit over RX glasses or alone
Side-shields for wide field of view
Comfort fit temples

Wrap-Around Frames

Wrap-Around frames curve around the side of your eyes and provide a closer fit and a wider field of vision. Our wrap-around selection includes two aviator/navigator style frames, 57 and 54, which accommodate a larger fit.

Frame #34

Style: Wrap-around – Medium
Dimensions: 143mm x 152mm x 43mm
Additional color option: white
Sleek, stylish look and fit
Removable Rx insert
8 base lens curvature for full coverage

Frame #35

Style: Wrap-around – Medium
Dimensions: 146mm x 127mm x 48mm
Adjustable temple lengths and angle
8 base lens curvature for full coverage

Frame #44

Style: Wrap-around – Medium
Dimensions: 143mm x 133mm x 43mm
Adjustable temples
Adjustable angles

Frame #46

Style: Wrap-around – Medium
Dimensions: 133mm x 152mm x 32mm
Modern design
Adjustable bridge
Comfort fit temples

Frame #50

Style: Wrap-around Goggle – Large
Dimensions: 159mm x 51mm
Comfort fit
Removable insert for Rx or secondary filter
Vented to prevent fogging

Frame #52

Style: Wrap-around – Medium
Dimensions: 140mm x 140mm x 49mm
Comfort temples
8 base lens curvature for full coverage

Wrap-Around Frames (Cont.)

Frame #54

Style: Wrap-around – Medium
Dimensions: 140mm x 149mm x 44mm
Gunmetal Navigator
Spring-fit temple hinges can accommodate a larger size

Frame #57

Style: Wrap-around – Large
Dimensions: 140mm x 149mm x 46mm
Gunmetal Aviator
Spring-fit temple hinges can accommodate a larger size

Frame #55

Style: Wrap-around – Large
Dimensions: 152mm x 146mm x 37mm
'50s retro styling
Removable Rx insert
Insert available with +1.00 through +4.00 diopter lenses or secondary filter

Frame #56

Style: Wrap-around – Large
Dimensions: 157mm x 143mm x 43mm
Comfort fit soft nose pads and temples
Full orbital coverage

Frame #71

Style: Wrap-around – Medium
Dimensions: 144mm x 140mm x 41mm
8 base lens curvature for full coverage
Removeable foam comfort insert
Comfortable fit temples

Frame #72

Style: Wrap-around – Medium
Dimensions: 146mm x 140mm x 43mm
8 base lens curvature for full coverage
Comfortable fit temples

Wrap-Around Frames (Cont.)

Frame #73

Style: Wrap-around – Medium
Dimensions: 144mm x 140mm x 52mm
Contemporary style
Tortoiseshell
Large lens shape

Frame #74

Style: Wrap-around – Large
Dimensions: 151mm x 140mm x 48mm
Contemporary style
Matte grey
Comfort touch temples and bridge pad

Clip-on Frames

Clip-on frames attach to your prescription frames as needed. They provide protection and vision assistance and are intended for the low vision glasses only.

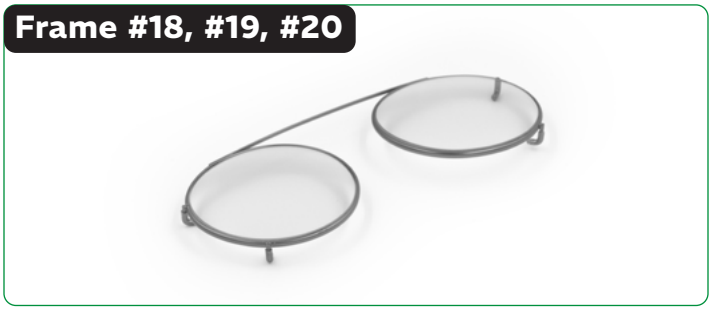
Frame #16

Style: Clip-on - Pediatric/Extra Small
Dimensions: 110mm x 34mm
Pediatric oval flip-up clip-on

Frame #17

Style: Clip-on - Pediatric/Extra Small
Dimensions: 112mm x 43mm
Pediatric oval flip-up clip-on

Frame #18, #19, #20



Style: Clip-on – **18**/Small, **19**/Medium, **20**/Large
Dimensions: **18**/120mm x 46mm, **19**/123mm x 50mm, **20**/127mm x 53mm
Hook-on

Frame #21

Style: Clip-on – Large
Dimensions: 132mm x 52mm
Large oval flip-up clip-on

Frame #22

Style: Clip-on – Large
Dimensions: 126mm x 36mm
Large rectangular flip-up clip-on

Frame #23

Style: Clip-on – Medium
Dimensions: 120mm x 47mm
Medium oval flip-up clip-on

Frame #24

Style: Clip-on – Large
Dimensions: 135mm x 40mm
Large oval flip-up clip-on

What Our Customers Say Speaks Volumes

At NoIR, we believe that better vision begins with the right solution, tailored to each person's unique needs. Whether it's easing the daily challenges of low vision or providing critical protection from sunlight and glare, we're committed to getting it right. Every frame, every filter, every fit is chosen with care, because we know how much it matters. That's why hearing from our customers never gets old—it reminds us why we do what we do. Their stories, their relief, their joy… it's the most rewarding part of our work.

> **I'm able to see all the colors I need to see to be able drive and that is amazing. Thank you, thank you, thank you!**
>
> Crystal D.

> **Having that tinge of brown added to my red NoIR filter enables me to see what I need to cross the street safely, and that means a lot.**
>
> Greg M.

> **Thank you, NoIR, for fulfilling this special order for us. Our daughter has achromatopsia and your glasses literally give her vision.**
>
> David M.

> **The magic of NoIR lenses helped me eliminate almost all floaters resulting from PVD, allowing me to see with fewer distractions.**
>
> Anthony F.

NoIR®

PRECISION. VISION. PROTECTION.

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