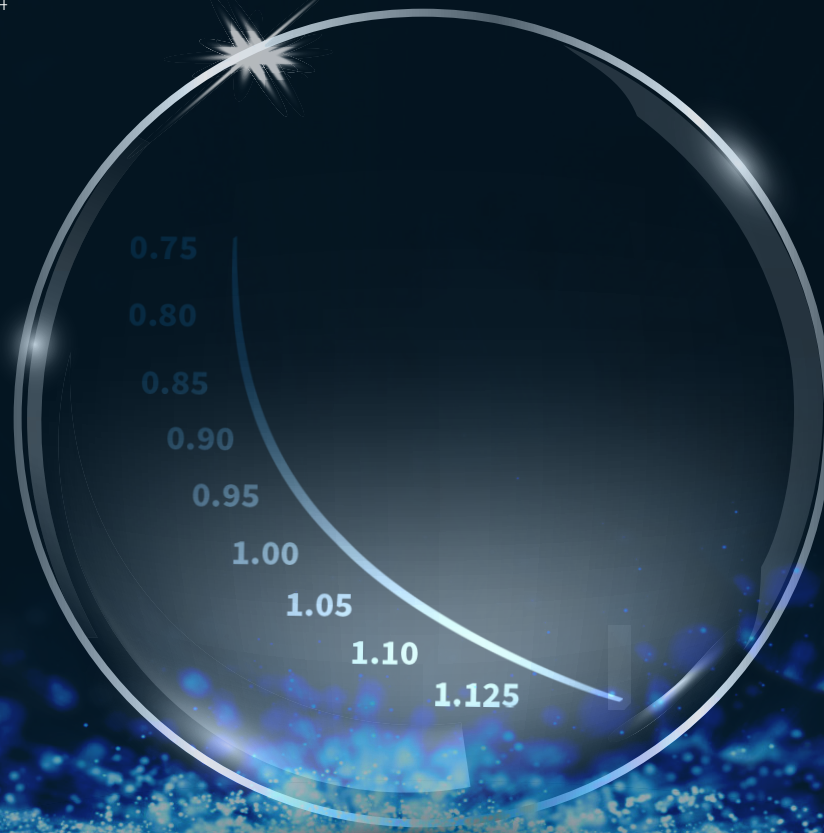


Neurolens Portfolio Guide

Effective October 1, 2024



Clinically Driven Designs. Proven Relief.

Our latest generation of Neurolens designs were developed to optimize clarity and comfort, while incorporating our proprietary **contoured prism technology**. This series provides symptom relief for patients along with the clearest, most comfortable vision.

Available in Single Vision, Office and Progressive designs, the proprietary contoured prism in Neurolenses features a Base In increase of 0.375 diopters in each lens (0.75 diopters total) from distance to near. Standard vertical prism can be incorporated into Neurolenses.



Neurolens Single Vision (NLI SV)



Crisp, clear vision at all distances.

Enhanced vision throughout distance, intermediate, and near zones for optimal comfort and symptom relief.

Mono PD and OC Height required; 18mm minimum fitting height.

Neurolens Office Series (NLIO Computer or NLIO Meeting)



The Office Series offers two options:

Computer: This lens strategically positions 50% of the ADD power at the fitting point, allowing for fully optimized use on **computer screens**.

Meeting: This lens features 30% of the ADD power at the fitting point, enabling more comfortable viewing throughout the patient's **home or office**.

Focused on intermediate and near distances, the Office Series provides the smoothest progression of ADD from intermediate to near distances while maximizing clarity and symptom relief.

Mono PD and Seg Height required; 18mm minimum fitting height.

Neurolens PAL Series (NLI PAL 16 or NLI PAL 18)



available in 16mm or 18mm minimum fitting height

The PAL Series is available in multiple corridor lengths to accommodate 16mm and 18mm minimum fitting heights.

Easy Adaptation: Our contoured prism keeps eyes in their most comfortable position throughout the corridor, providing seamless alignment and symptom relief.

Reduced Peripheral Distortion: Updated design concentrates progressive power changes in a smaller area, leading to less distortions, easier adaptation, and unparalleled symptom relief.

Benefits of Shorter Corridor: With our new 16mm fitting height option, patients:

- have even a higher likelihood of adapting to the lenses
- experience a wider intermediate zone
- can enjoy a more active lifestyle as the shorter corridor provides quicker and more efficient focus adjustments

Mono PD and Seg Height required; available in 16 or 18mm minimum fitting heights.

Lens Material

1.50 Plastic

1.59 Polycarbonate

1.53 Trivex

1.60 High Index

1.67 High Index

1.74 High Index

Blue Block lens material reduces harmful HEV rays compared to standard lenses.

Coatings

Premium is an enhanced AR coating with backside UV protection, providing smudge and water resistance, dust and scratch protection and reduced reflections.

Premium+ is a superior AR coating with backside UV protection that repels water, oils, dust and smudges, and eliminates reflections for improved vision, with durable scratch resistance.

NeuroBlue is a superior AR coating that offers all the benefits of Premium+ and includes additional protection against harmful blue light.

Light Protection & Sunwear

Transitions® lenses darken outdoors and return to clear indoors.

Transitions
Gen[®]S

Transitions
XTRACTIVE[®]

Transitions
XTRACTIVE[®]
POLARIZED[®]

Tinting is available in multiple colors, solid and gradient.

Polarized is available in multiple colors.

Adaptation

Patient may experience an adjustment period that may include unusual sensations before the effectiveness and visual comfort set in.

Remind the patient, the discomfort in their eyes took time to develop – so restoring comfortable vision will take some time, too.

Patient should allow two to four weeks of continual wear with Neurolenses to attain maximum comfort and symptom relief.

Lens Type	Lens Material	Color / Light Protection	Sphere Range (diopter per eye)	Neurolens Prism Rx (diopter per eye)	Add Power Range
SV	1.50 Plastic	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	N/A
SV	1.53 Trivex	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	N/A
SV	Polycarbonate	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	5.00	N/A
SV	1.60 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	5.00	N/A
SV	1.67 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -10.00	6.00	N/A
SV	1.74 UHI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -10.00	6.00	N/A
PAL Series	1.50 Plastic	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
PAL Series	1.53 Trivex	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
PAL Series	Polycarbonate	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
PAL Series	1.60 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
PAL Series	1.67 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -10.00	5.00	0.50 to 4.00
PAL Series	1.74 UHI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -10.00	5.00	0.50 to 4.00
Office Series	1.50 Plastic	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
Office Series	1.53 Trivex	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
Office Series	Polycarbonate	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
Office Series	1.60 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -8.00	4.00	0.50 to 4.00
Office Series	1.67 HI	Clear, Blue Block, Photochromic, Polarized	+6.00 to -10.00	5.00	0.50 to 4.00
Office Series	1.74 UHI	Clear, Blue Block, Transitions, Polarized	+6.00 to -10.00	5.00	0.50 to 4.00

Ordering & Dispensing

Select the frame. The frame should accommodate a minimum 18 mm fitting height (16 mm fitting height for Progressive 16) to the bottom of the eyewire and 10 mm to the top. Adjust the frame for comfort and accuracy before taking measurements.

PD and fitting height. Measure monocular fitting height by marking each demo lens at the pupil centers with a felt tip pen. Measure monocular PD using a pupilometer or by using the fitting height marks. To translate lens markings into measurements, align the center of the frame's bridge along the y-axis and the felt tip pupil marks along the x-axis of the graph, ensuring the marks on the lens are on the zero (0) line. Using the chart, record the monocular PD and monocular vertical heights.

Frame verification. Line up the pupillary mark on the demo lens with the cross on the chart. Verify that the distance and near zones fit within the frame.

Include this information. Make sure you capture the following information with the patient in order to place the Neurolens order.

- Monocular PD measurements
- Monocular fitting height measurements
- Frame A, B, ED, and DBL dimensions
- Frame brand and model

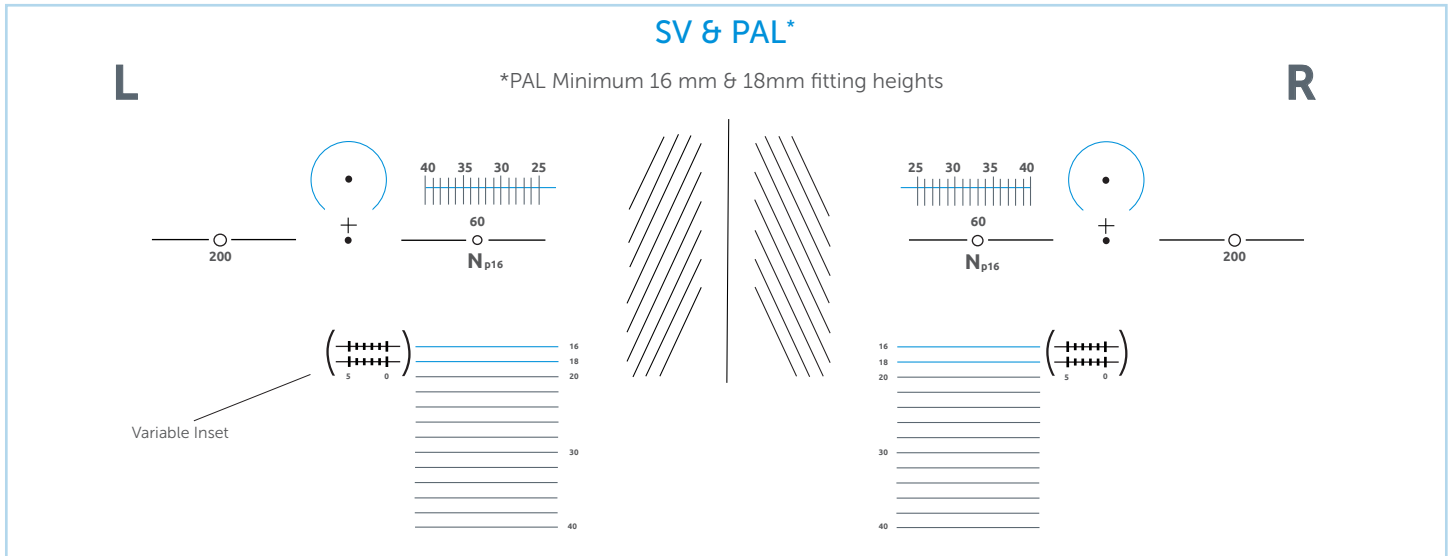
Dispensing. Confirm the monocular PD and fitting height. Verify the lens Rx on the lensometer. Confirm the fit on the patient by verifying that the fitting cross is properly positioned over the pupil. Adjust the frame as necessary.

Teach proper viewing. Demonstrate the different viewing areas and appropriate head and eye movement. Peripheral vision may be limited, therefore, point with nose. While using intermediate portion of lens, head may need to be slightly tilted up or back.

Important

Neurolenses feature a drop (distance between fitting point and PRP) of 2 mm for optimal prism progression.

Frame Verification Chart



Legend

—○— = 180 Line Symbol
Ns = Single vision
Np16 = Progressive 16
Np18 = Progressive 18
Nom = Office Meeting
Noc = Office Computer

50 = 1.50 Plastic (above nasal 180 Line Symbol)
53 = 1.53 Trivex (above nasal 180 Line Symbol)
59 = 1.59 Polycarbonate (above nasal 180 line symbol)
60 = 1.60 High Index (above nasal 180 line symbol)
67 = 1.67 High Index (above nasal 180 line symbol)
74 = 1.74 High Index (above nasal 180 line symbol)
200 = Add Power (Range 050-400)

To print this measuring chart at the correct size from Acrobat Reader:

1. Go to File, then select **Print**
2. Under Page Sizing & Handling options, select **Actual Size**
3. Click on **Print** button to print

Note: Chart measurements will be incorrect if you select "fit" or other page-scaling options.

It is recommended to verify the printed chart is the correct size with a ruler.