

Frequently Asked Questions

SOLAOne™ is designed to deliver better visual task performance than any other progressive lens available. The result of 10 years of research into wearer's visual priorities and visual ergonomics involving over 10,000 consumers, SOLAOne employs the most advanced design techniques to deliver the task versatility wearers and dispensers have been seeking in an all-purpose progressive. Extensive multitask analysis shows that SOLAOne performs better in the full range of common visual tasks than any leading progressive lens. *

(*Data on file)

Features, benefits and dispensing choices.

What makes SOLAOne unique?

Ordinary progressive lenses strive to give the wearer a good balance between viewing zones (distance, intermediate and near). SOLAOne has gone farther by basing this balance on a more sophisticated understanding of the visual tasks that make up a wearer's daily life. SOLAOne is based on new research into the visual needs of consumers involving precision head-tracking measurements of over 10,000 consumers. The result is a lens that provides almost equally high satisfaction across the 15 most common visual tasks important to wearers, using every area of the lens. For wearers the result is extraordinary vision, every day.

What type of patient will benefit from SOLAOne?

SOLAOne is designed for all presbyopes. It performs extremely well across the broad range of visual tasks that wearers describe as the most common and most important in their daily lives. Even if patients cannot clearly express their particular visual needs, SOLAOne's consistently excellent task performance will assure a very satisfying complete visual experience.

How can SOLAOne perform better in common visual tasks?

SOLAOne meets the criterion of versatility by delivering superior optical performance across the range of visual tasks that wearers perform every day. The SOLAOne design is the result of a ten-year vision research program, which included three large-scale, university-conducted development wearer trials and two broad, market-based trials, in addition to the visual ergonomic analysis of over 10,000 presbyopic wearers using proprietary head-tracking technology.

SOLA's vision research program created a new understanding of wearers' visual task requirements and the lens design elements and geometry needed to fulfill them. This ultimately led to the development of a progressive that performs demonstrably better in the visual tasks wearers encounter every day.

A multitask evaluation comparing SOLAOne to 13 leading progressives in 2,500 prescriptions per lens showed that SOLAOne scored better overall, and received the highest score in 12 out of 15 common

visual tasks. Finally, the SOLAOne design was subjected to rigorous wearer trials before launch to which confirmed its successful design strategy by delivering high satisfaction and low non-adapts.

Is SOLAOne easy to adapt to?

Yes. Wearer trials have demonstrated an extremely low non-adapt rate and a high 96% satisfaction rate for SOLAOne for the range of prior wear types typically fitted with a PAL. In most cases, adaptation occurred within hours in most cases.

Is SOLAOne always the best choice for my patients?

SOLAOne's unique versatility makes it the ideal progressive to use with most patients. However, no progressive lens can claim to be the best in every situation. You may have some patients who will be more satisfied with a specialized lens design or second pair option based on their visual needs.

How does SOLAOne perform compared to other leading high-end progressives (Varilux Panamic, Zeiss Gradal Top, Varilux Comfort)?

In the multitask evaluation described above, SOLAOne achieved a higher overall score than all of the leading progressives studied, including the ones named above. While other progressive lenses occasionally scored equal or better in certain tasks than SOLAOne, none demonstrated such consistently outstanding performance for the full range of visual tasks common to wearers daily lives.

Can I take a patient from another (SOLA or competitor) progressive into SOLAOne?

Yes, absolutely. In wearer trials, the vast majority of wearers (95%) who had previously worn other progressive lens designs adapted and switched successfully to SOLAOne.

This study included patients who switched to SOLAOne from a variety of new and older progressive lens designs including Varilux, Essilor, Rodenstock, Hoya, Signet Armorlite, Zeiss, SOLA Percepta, SOLAMAX, VIP, XL and AO designs.

Can I offer SOLAOne to bifocal wearers?

Yes. Bifocal wearers should find SOLAOne easier to adapt to than most progressive lenses. The main causes of progressive non-adapts among bifocal wearers are the progressive's comparatively narrow reading area, and the distortion and "swim" found in the progressive's periphery. SOLAOne addresses both these issues. Compared to most progressive lenses, SOLAOne has a larger reading area that is wider, higher up. It also has a significantly clearer periphery with smoother changes in power and prism than many progressives, which will reduce the disturbing "swim" perceived by the wearer.

When should I dispense SOLAOne in preference to Percepta®?

SOLAOne is a more advanced design and includes refinements of many of the features found in Percepta. SOLAOne will offer patients an even better all-purpose wearing experience, regardless of their basic vision condition or stage of presbyopia.

SOLAOne is designed to allow a minimum fitting height of 18mm to provide greater frame flexibility than Percepta. In addition, SOLAOne is coming out in material options that were previously unavailable with Percepta: Polycarbonate Transitions and 1.67 High Index.

When should I dispense SOLAOne in preference to SOLAMAX®?

SOLAOne is a more advanced design and includes refinements and improvements on the features found in SOLAMAX. SOLAOne is the product of a further evolution of technology and the latest vision research, making it the premium choice and best option for all-around versatile performance.

Lens Design

Is SOLAOne a “hard” or “soft” design?

The SOLAOne design incorporates the best features of both hard and soft design by employing a soft periphery around the distance and intermediate zones, and a somewhat harder boundary around the near. Vision studies have shown that this allows a superior balance between central vision tasks and dynamic vision tasks, allowing the wearer to perform both with equal comfort.

Does the SOLAOne design change based on the Rx?

Yes. SOLAOne employs SOLA’s unique Design by Prescription™ technology to customize the design by both prescription and add power. The distribution of optics, zone sizes, corridor length, near inset, and asphericity are computed individually for each base curve and add power combination. This ensures that all wearers get outstanding performance in the full range of visual tasks, regardless of their basic prescription or stage of presbyopia.

Is SOLAOne a “short corridor” progressive?

SOLAOne uses advanced design techniques to allow an 18mm minimum fitting height, but it was not designed exclusively as a “short corridor progressive.” Because the near zone widens more rapidly at the top than in traditional progressive lens designs, SOLAOne will provide a large reading area even in smaller frames. At the same time, all wearers will experience a large, comfortable intermediate, and balanced periphery and distance. SOLAOne performs equally well in small and larger frame styles.

Does the corridor length change according to the prescription?

Yes. The SOLAOne corridor length varies by add power and ametropia (base curve).

What is the near inset of SOLAOne?

The inset of the near zone is precisely computed for each base curve and add power combination in order to compensate both for the effect of prism induced by the distance correction and for the effect of the reading distance upon ocular convergence during near vision. This ensures that the centers of the near zones are properly aligned with the lines of sight during near vision. The range of insets varies from 1.8 to 4.0 mm.

Are contour plots available for this SOLAOne?

Yes. Refer to the SOLAOne product brochure (000-0139-12440) or SOLAOne white paper (000-0139-12490).

Is SOLAOne an aspheric design?

Yes. While all progressive lenses must be aspheric *globally* across the entire surface in order to produce a progression of add power, SOLAOne has additional asphericity incorporated *locally* in the distance and near zones to reduce oblique power errors associated with the as-worn position and peripheral vision. This added sophistication allows for thinner, flatter lens profiles, while providing outstanding optics and larger fields of clear vision at both distance and near compared to conventional progressive lenses.

What is the UV protection % of SOLAOne in each material?

Material	UVB (290-315nm)	UVA (315-380nm)
1.67 Transitions® Gray	100%	100%
1.67 High Index	100%	100%
Finalite® 1.6 High Index	100%	100%
Polycarbonate	100%	100%
Polycarbonate Transitions® Gray	100%	100%
Hard Resin	100%	91%
Hard Resin Transitions® Gray & Brown	100%	100%

What type of coating is on SOLAOne?

SOLAOne in clear materials uses SOLA’s premium Ultra-Tough® coating. Transitions® materials use a factory-applied scratch-resistant coating. SOLAOne HD in 1.67 and 1.67 Transtions® is coated with Teflon® EasyCare AR lens coating. SOLAOne is compatible with standard laboratory AR coatings and tinting processes, and is approved in all materials for Zeiss Carat coating.

Fitting and Processing

What type of engravings are on SOLAOne?

Temporal: SOLA logo with add power and material code underneath.
 Nasal: SOLA logo with SOLAOne design identifier “~” underneath.
 For a diagram of the logos see the SOLAOne Fitting & Dispensing guide (000-0139-12450).

What is the recommended minimum fitting height?

18mm, with a frame ‘B’ dimension of 26mm or larger. SOLAOne will provide outstanding all-purpose vision in any frame that meets the minimum fitting height requirement, it works equally well large frames.

Can SOLAOne be tinted?

Yes. SOLAOne can be tinted in all materials – please consult your laboratory for tint availability. SOLAOne HD in 1.67 and 1.67 Transitions® is available only with Teflon® EasyCare Lens Coating.

Can SOLAOne be AR coated?

Yes. SOLAOne is compatible with most Rx laboratory hard and AR processes. For the ultimate visual experience and cosmetic benefit, SOLAOne is fully compatible in all materials with SOLA’s Teflon® EasyCare Lens Coating, which combines the best AR performance with the toughness of a premium scratch coating.

Is SOLAOne suitable for drill mounts?

Yes. SOLAOne is available in Polycarbonate, 1.67 High Index and Polycarbonate Transitions. All of these materials are excellent choices for rimless or drill mount frames.

Do I need to follow any special procedures when dispensing SOLAOne?

No. Dispense SOLAOne as you would any other premium progressive lens.

How do I fit SOLAOne?

Take the monocular distance PD, and take fitting height **at pupil center**.

Where is the fitting cross?

The fitting cross is located 4mm above the prism reference point (centered directly between the horizontal reference logos).

Availability and Ordering

In what materials is SOLAOne available?

SOLAOne is available, Polycarbonate, Hard Resin, and Hard Resin Transitions® Gray and Brown, Polycarbonate Transitions Gray, Finalite® 1.6 High Index. New SOLAOne HD is available in 1.67 High Index and 1.67 Transitions® Gray with Teflon® EasyCare Lens Coating. Further new product releases are planned.

What is the VSP code for SOLAOne?

SOLAOne has been assigned the progressive category code “F”.

Which labs can I order SOLAOne through?

SOLAOne is available through wholesale labs in the United States. Consult your SOLA Sales Representative for further information.

Marketing Programs

Do you have any marketing program to support this new product?

Yeas – loads! SOLA will support SOLAOne with trade advertising, as well as professional and customer marketing materials. Contact your SOLA Sales Representative or Key Account Manager for more details of current programs.

How do I get a copy of the SOLAOne Wearers Guide and CD-ROM?

Note: The SOLAOne wearers guide in English is provided to USA customers only (offer not valid for Canada or Puerto Rico).

Labs: AOSOLA will automatically ship one SOLAOne Wearers Guide (which includes the CD-ROM and cleaning cloth) with every pair of SOLAOne lenses ordered from SOLA. One wearers guide packet will ship for every Left eye lens shipped.

ECPs: Your Lab will ship one SOLAOne wearers guide with every SOLAOne Rx order you place. Please be sure to provide this wearers guide to your patients at the time of dispensing.

Patients: Your eye-care professional will give you a SOLAOne wearers guide package when you collect your SOLAOne eyewear.

Are free fit coupons available for SOLAOne?

Yes. Sample pairs are available for a limited time. Call 1-888-FIT SOLA or go to www.sola.com/fitsolaone, or contact your SOLA Sales Representative. Independent eye care practitioners only. Limited to one pair per practice per calendar year. Clear hard resin or polycarbonate only.

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