



AnyOne.  
EveryOne.

SOLA1One™  
PROGRESSIVE LENSES

## Introducing SOLAOne™ The most versatile progressive lens



### SOLAOne: Delivers exceptional task performance and all-purpose versatility

#### Engineered for versatility

SOLAOne is designed to be the first true all-purpose progressive lens, allowing wearers to perform all daily visual tasks without the limitations and compromises of ordinary progressives. What makes SOLAOne unique is a superior balance of central and peripheral vision\* based on understanding the visual task requirements of wearers.

#### Engineered for dispensing success

SOLAOne delivers balanced, outstanding performance across the full range of real-life tasks, so you can better meet the visual needs of your diverse progressive patient population. And SOLA's patented Design by Prescription™ technology assures that all wearers get this superior performance, whatever their prescription and add power.

\* Patent pending.



Teflon® *easyCare*

**Add new generation Teflon® EasyCare Lens Coating. Even easier to clean, even longer lasting.**

SOLAOne is available with new generation Teflon® EasyCare Lens Coating in all materials. A unique development in lens coating technology from SOLA International and DuPont, Teflon® EasyCare delivers the ultimate in anti-reflective clarity, superior scratch resistance and ease of cleaning.





## Designed for versatility

**SOLAOne's unparalleled versatility is the result of a unique design strategy that maximises visual task performance using key design technologies.**

### Balance of viewing zones

Few progressives offer a true balance between distance, intermediate and near vision. SOLAOne offers a large clear distance viewing zone, a generous intermediate zone ideal for computer users and a large near zone that widens higher.

### Balance of central and peripheral vision

SOLAOne has been designed with extremely low levels of unwanted astigmatism and one of the softest peripheral designs on the market. This ultra soft design affords excellent dynamic vision, great wearer comfort and fast adaptation.



*Head-tracking measures the ergonomics of visual tasks.*

### Maximised binocularity

SOLAOne was designed using a state of the art system of binocular analysis and optimisation involving the simultaneous optical analysis of the right and left lens. This minimises the binocular differences in power, prism and magnification between the right and left lenses resulting in the most comfortable binocular off centre viewing.

### Design by prescription

SOLAOne incorporates one of the most advanced design strategies available to ensure that all wearers – myopes, hyperopes and emmetropes – get consistently excellent all-around performance. Each base curve and add power combination has been individually optimised to ensure that the designs deliver the same versatility and balanced performance for each wearer.

## SOLAOne™ Designed for real-life tasks

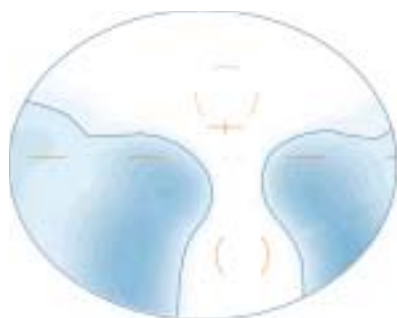
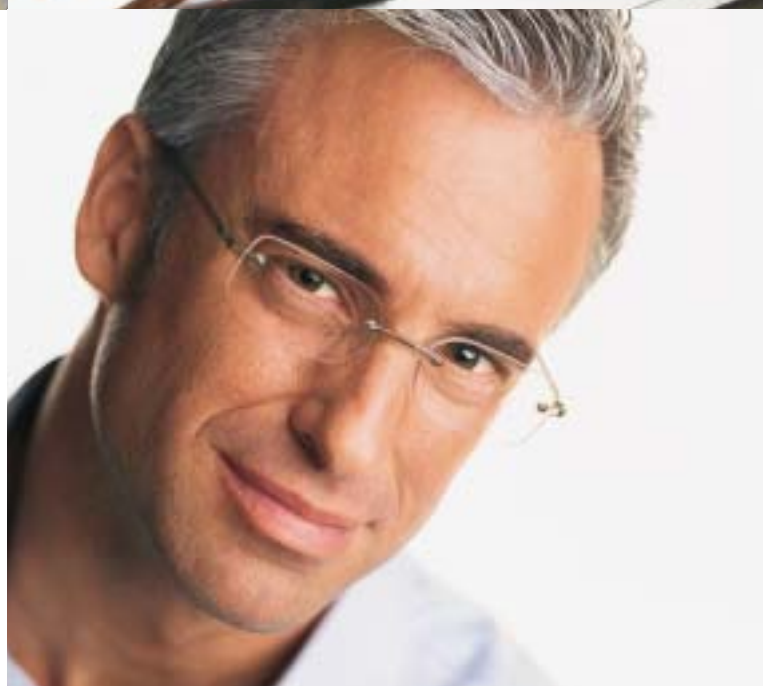


### Extraordinary performance, every day

With SOLAOne, you can give your patients the benefit that matters most: more versatility for the visual tasks they face day in and day out. One progressive lens meets the challenge: SOLAOne.

### Advanced design for better task performance

The SOLAOne design is based on 10 years of vision research, including wearer trials and visual ergonomic analysis of 10,000 presbyopes. This research created a new understanding of wearers' visual task requirements, which defined the key design elements of SOLAOne.



SOLAOne Astigmatism Plot  
4.50 Base, 2.00 Add

- Large, clear distance viewing zone
- Low peripheral blur for easy adaptation and vision comfort
- Large, wide intermediate viewing zone with excellent binocularity
- High, wide near viewing zone
- Optimised design for each base curve and add power
- 18mm minimum fitting height for excellent performance in small and large frames



**SOLAOne was designed based on a comprehensive study of the visual task requirements of progressive wearers.**

*SOLAOne rates highest in 12 of the 15 task categories identified as most important by progressive wearers.*

Visual Task Category	Performance Ranking			
	SOLAOne™	Varilux® Panamic	Varilux® Comfort	Hoya GP Wide
Reading a Newspaper	★★★★★	★★★★	★★★★	★★★
Reading a Book	★★★★	★★★	★★★	★
Computer	★★★★★	★★★★	★★★★	★★★★
TV/Movies	★★★	★★★★★	★★★★★	★★★
Driving	★★★★★	★★★★★	★★★★★	★★★★★
Craft/Hobbies	★★★★★	★★★★	★★★	★★
Housework	★★★★★	★★★★	★★★★	★★★
Sewing/Needlework	★★★★★	★★★	★★★	★
Office Work	★★★★★	★★★	★★★	★
Gardening	★★★★★	★★★★★	★★★★★	★★
Sports/Golf	★★★★★	★★★★★	★★★★★	★★★★
Cooking	★★★★★	★★★★	★★★	★★★
Walking	★★★★	★★★★★	★★★★★	★★★
Writing/Drawing	★★★★★	★★★★	★★★	★★
Shopping	★★★★★	★★★★★	★★★★	★★★
<b>Overall Versatility Score</b>	★★★★★	★★★★	★★★★	★★★

Task list based on survey in which 420 wearers were asked to identify key visual tasks performed while wearing progressives. Using extensive vision research and advanced ray-tracing software, optical performance in common visual tasks was analysed across a range of over 2,500 Rx jobs, resulting in over 32,000 individual computations per lens design. Performance ratings for each task were based on its key visual attributes and the percentage of time wearers typically devoted to it. Results were scaled from highest to lowest across a range of 13 leading progressive lens designs. Data on file.

## SOLAOne HD

The ultimate in visual clarity



**Just like High Definition television technology, High Definition Lenses can make a big difference to the way you see the world.**

HD television technology makes ultra crisp picture resolution possible by using more pixels.

Similarly, High Definition lenses offer the ultimate in clarity by making each wearers prescription highly accurate every point on the lens surface.

HD technology supports prescription accuracy by incorporating the progressive design into the back surface of the lens, locating it closer to the eye.

With conventional front surface progressives, each base curve is optimized for one prescription only and this produces a single target design. Prescriptions that depart from this target point for a given base curve can suffer some degrees of power error, especially at high levels of cylinder power.

SOLAOne HD overcomes these inherent limitations of conventional front surface progressive lenses by recreating the target design for each individual wearer's combination of sphere power, cylinder power, cylinder axis, add power and frame dimensions. The result is large and wide areas of clear vision with the lowest level of unwanted astigmatism.

See the world in High Definition.



*SOLAOne wearers express consistently high satisfaction with visual tasks in every area of the lens.*

### High adaptation, high satisfaction

Extensive wearer trials\* conducted by the Queensland University of Technology and independent practitioners demonstrate both ease of use and a high level of wearer satisfaction with SOLAOne.

- Extremely low non-adapt rate.
- High 96% satisfaction rate among wearers.
- Consistently high satisfaction for visual tasks using every area of the lens.

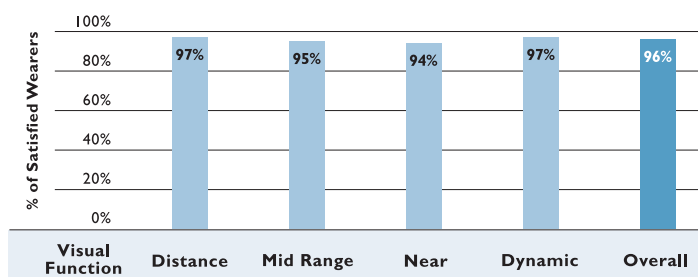
### Upgrade with confidence

Whether your patients are currently wearing SOLA progressive lenses or other progressive designs, you can confidently upgrade them to SOLAOne.

- 95% of previous progressive wearers switched successfully to SOLAOne.



### SOLAOne Wearer Satisfaction Results\*



\*430 wearers recruited by the Queensland University of Technology School of Optometry and independent practitioners. Results based on total responses to a detailed questionnaire after four weeks of wear (227 voluntarily returned questionnaires). Data on file.

# SOLA1One™

PROGRESSIVE LENSES



	Material	Index	Coating	Diameter	Sphere	Addition	Cyl
SOLAOne Ego	Hiperlite	1.67	Teflon Easycare	73mm	-12.00 to +8.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne Ego	Hiperlite Transitions V	1.67	Teflon Easycare	73mm	-12.00 to +8.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne Ego	Finalite	1.60	Teflon Easycare	73mm	-12.00 to +6.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne Ego	Finalite Transitions V	1.60	Teflon Easycare	73mm	-12.00 to +6.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne Ego	Finalite Polarised	1.60	Teflon Easycare	70/75mm	-12.00 to +4.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne HD	Hiperlite	1.67	Teflon Easycare	73mm	-12.00 to +8.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne HD	Hiperlite Transitions V	1.67	Teflon Easycare	73mm	-12.00 to +8.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne HD	Finalite	1.60	Teflon Easycare	73mm	-12.00 to +6.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne HD	Finalite Transitions V	1.60	Teflon Easycare	73mm	-12.00 to +6.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne HD	Finalite Polarised	1.60	Teflon Easycare	70/75mm	-12.00 to +4.00D *	+0.75 to +3.50D	up to -4cyl
SOLAOne	Finalite	1.60	Ultra-Tough	73/78mm	-9.00 to +8.00D	+1.00 to +3.50D	up to -4cyl
SOLAOne	PolyLite	1.59	Ultra-Tough	75mm	-9.00 to +6.00D	+1.00 to +3.00D	up to -4cyl
SOLAOne	PolyLite Transitions V	1.59	Ultra-Tough	75mm	-9.00 to +6.00D	+1.00 to +3.00D	up to -4cyl
SOLAOne	Hard Resin	1.50	Ultra-Tough	80mm	-9.00 to +6.00D	+1.00 to +3.50D	up to -4cyl
SOLAOne	Hard Resin Transitions	1.50	Ultra-Tough	78mm	-9.00 to +6.00D	+1.00 to +3.50D	up to -4cyl

\* Maximum Combined power -12.00D



Teflon easycare

## Verifying the power of SOLAOne HD

With the progressive lens design incorporated into the back surface, SOLAOne HD lenses are optically optimised taking into account the Rx, typical pantoscopic angle and vertex distance. Powers (sphere, cyl, axis, add and prism) measured by a focimeter will be slightly different from the prescribed values. The difference is due to the fact that typical focimeters do not measure the power in the as-worn position. All lenses supplied will be accompanied by both the original Rx powers and the as-worn compensated Rx powers.

### To verify the Rx

- Measure the compensated Rx power in the distance checking circle
- Measure the compensated add in the add power checking circle
- Measure the compensated prism at the prism reference points (point under the fitting cross)
- The relevant ISO tolerances can be applied as for any standard progressive lens

