

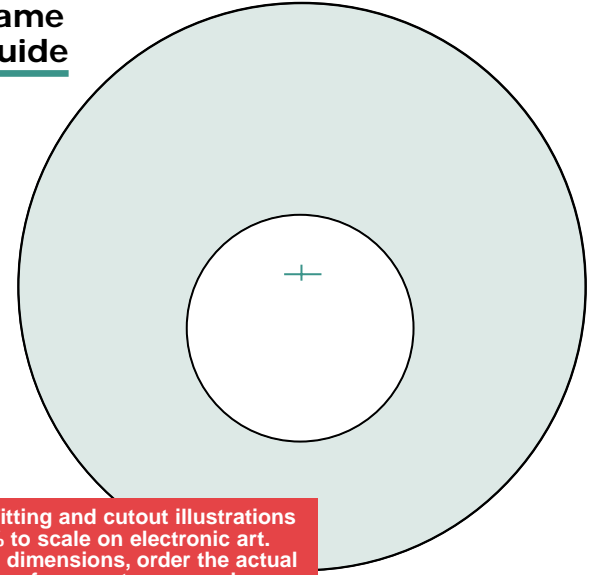
PD and Fitting Height

- 1 Adjust frame to fit customer.
- 2 As customer looks straight ahead into the distance, dot each lens at the pupil center.
- 3 Measure fitting height with a PD ruler. **Recommended minimum fitting height is 22 mm.**
- 4 Use pupillometer for monocular distance PD.
- 5 Use Small Frame Guide to ensure lens fit. Place frame with dotted pupil center on cross. Frame size is adequate if white circle fits inside frame.
- 6 Place the right lens over Lens Cut Out circle, aligning the pupil center dot over the fitting cross; repeat with left lens. **If frame falls outside circle, lenses may not cut out.**

Helpful Hints for Fitting

- 1 Avoid aviator shape frames. They reduce the reading area and often will not cut out.
- 2 Frame should follow the contour of the face for maximum amount of side vision.
- 3 Fit frame as close to eyes as possible without touching lashes.
- 4 While fitting, make sure customer's back is straight and eyes are on the same level as yours.
- 5 The fitting cross should intersect the **center** of the pupil.
- 6 Pantoscopic angle should be 7°-12° for maximum reading area.

Small Frame Fitting Guide

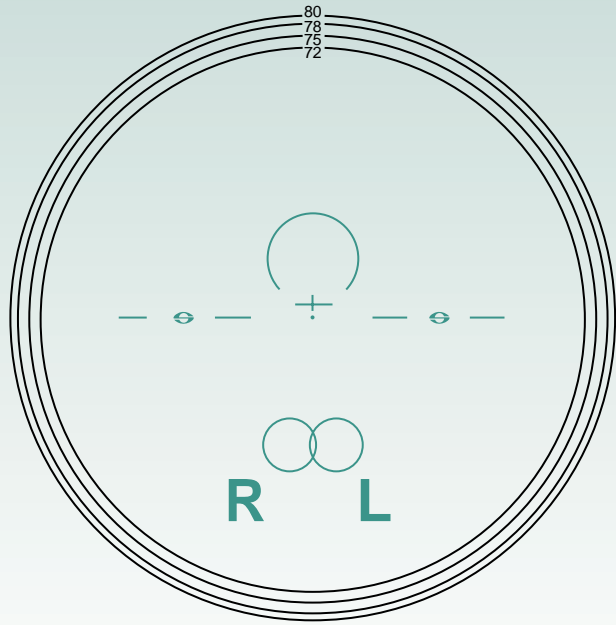


WARNING: Fitting and cutout illustrations are not 100% to scale on electronic art. For accurate dimensions, order the actual literature piece from customer service.

LENS CUT OUTS

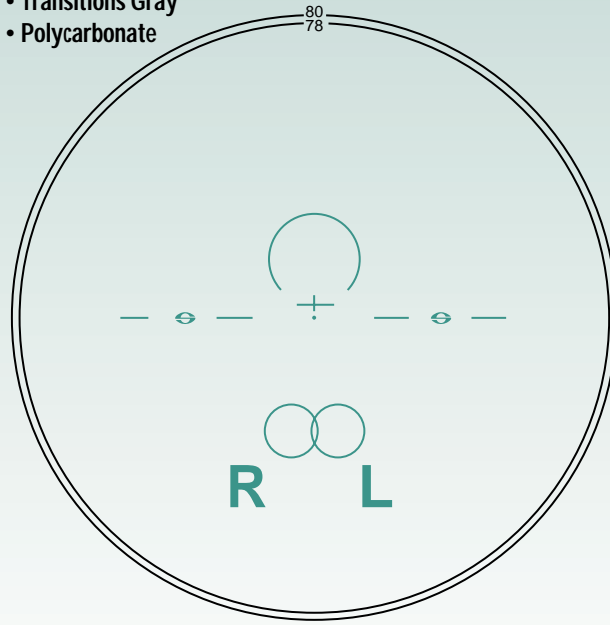
XL^{Gold}

- Spectralite® & Spectralite Transitions® Gray



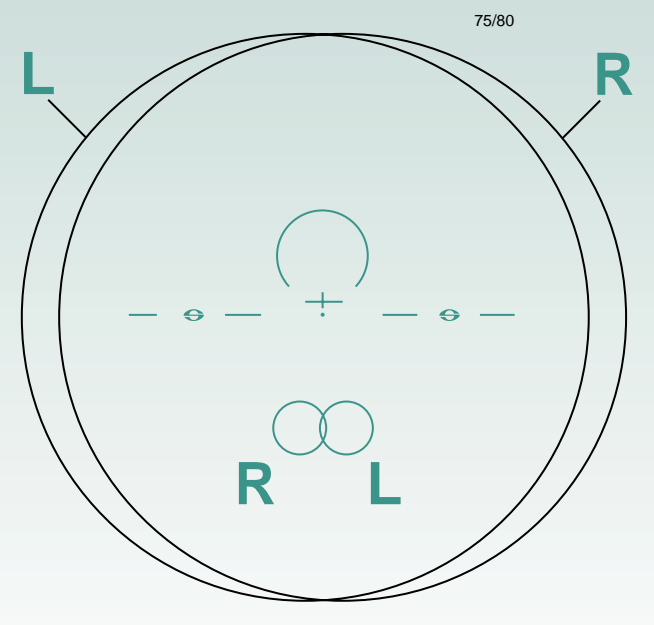
XL

- Hard Resin
- Transitions Gray
- Polycarbonate



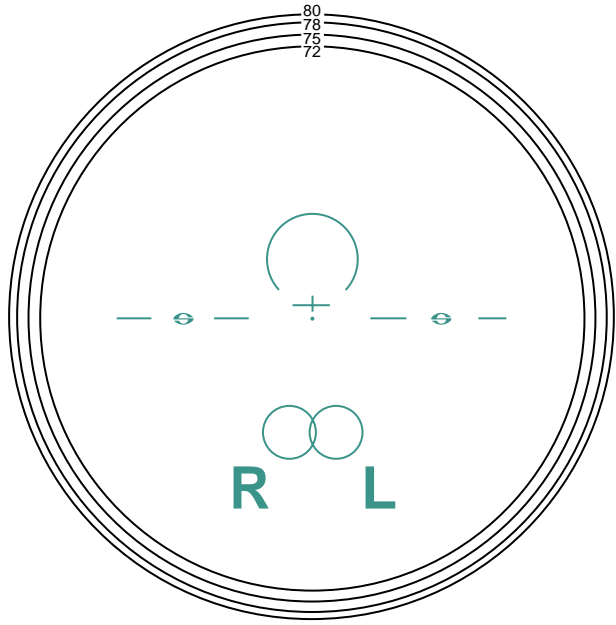
XL, Decentered

- PhotoGray Extra® Glass



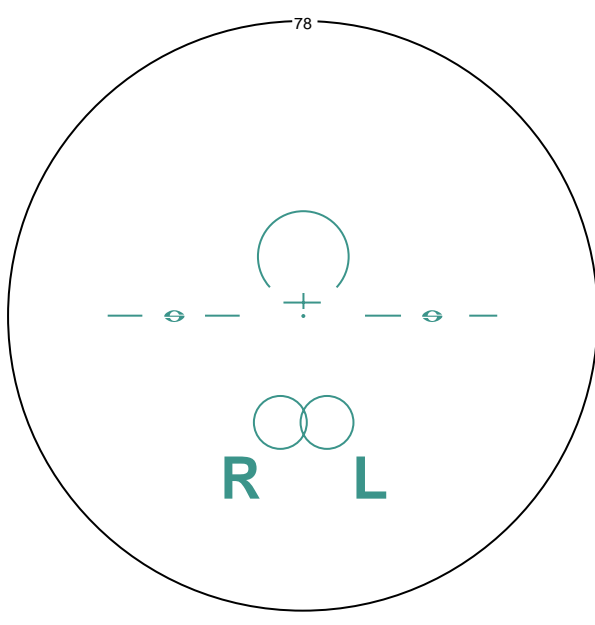
VIP^{Gold}

- Spectralite & Spectralite Transitions Gray
- Polycarbonate



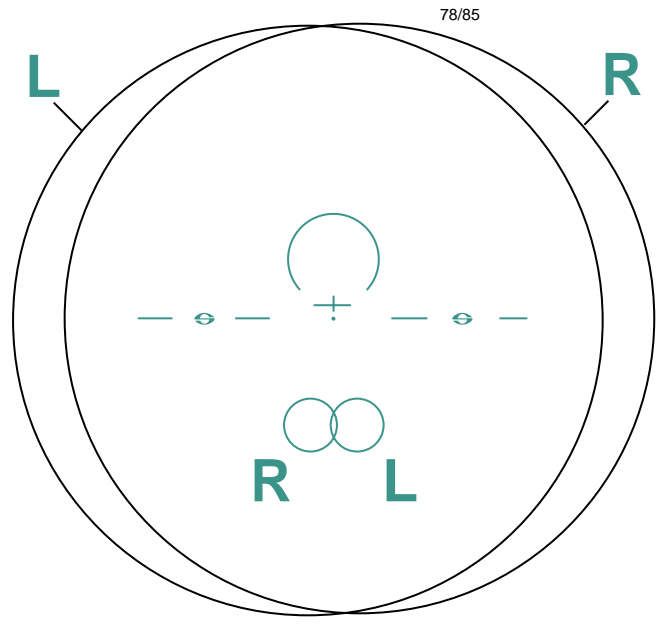
VIP

- Hard Resin



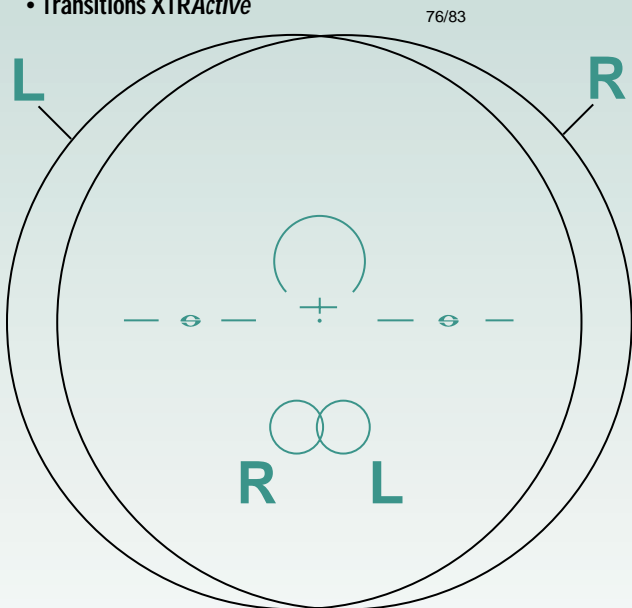
VIP, Decentered

- Hard Resin



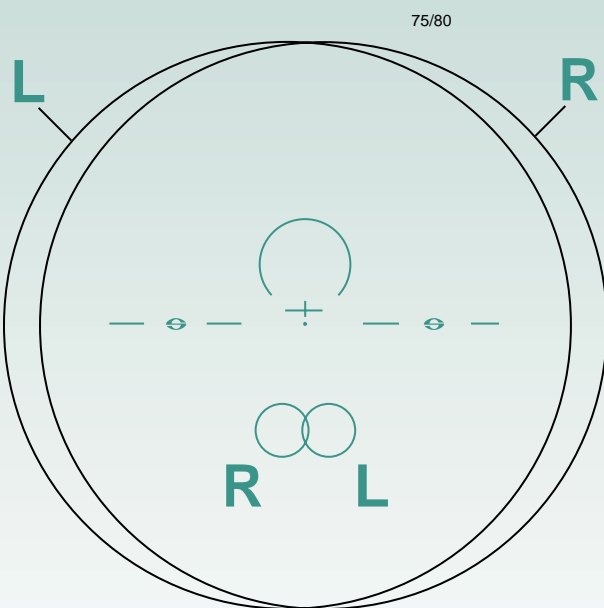
VIP, Decentered

- Transitions Gray & Brown
- Transitions XTRActive™

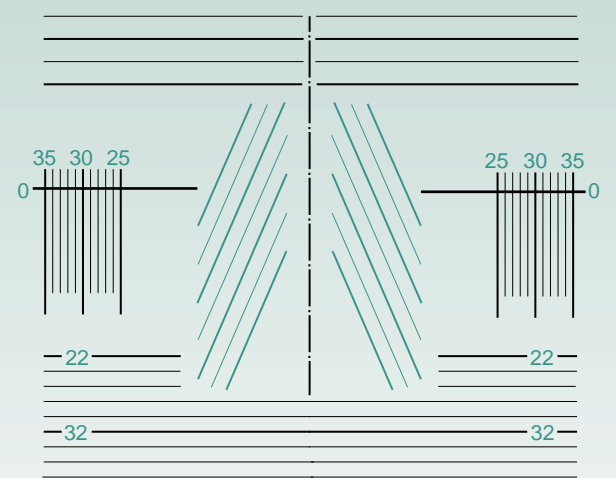


VIP, Decentered

- PhotoGray Extra & White Glass

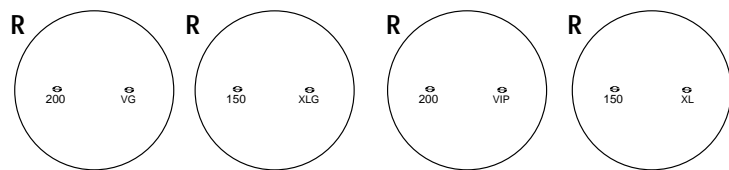


Lens Measurement



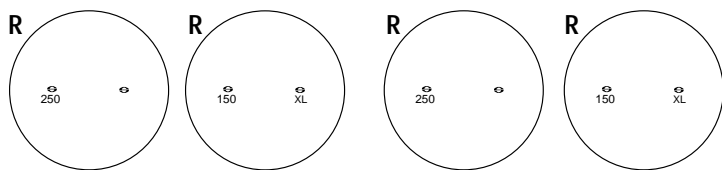
Lens Engravings and Base Curve Selection Charts

For best optics, always use the base curve recommended by SOLA for the Rx.



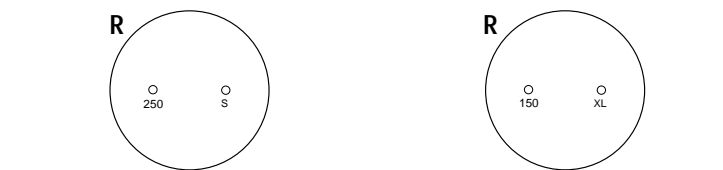
VIP^{Gold}, XL^{Gold}
Spectralite
Spectralite Transitions Gray

VIP^{Gold}*, XL
Polycarbonate



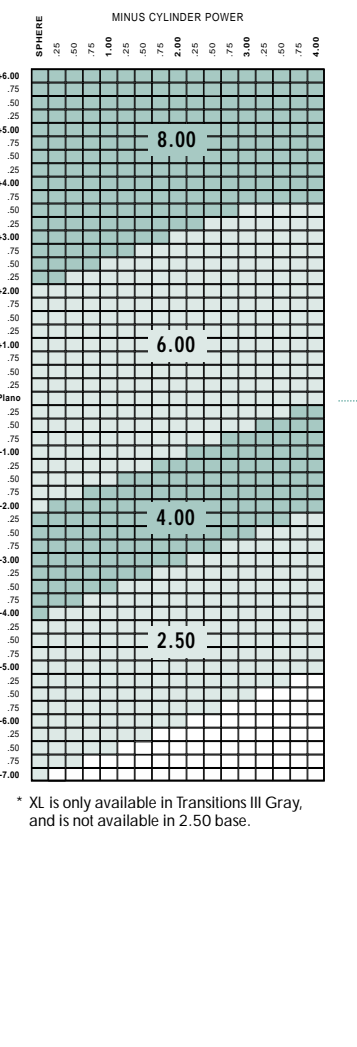
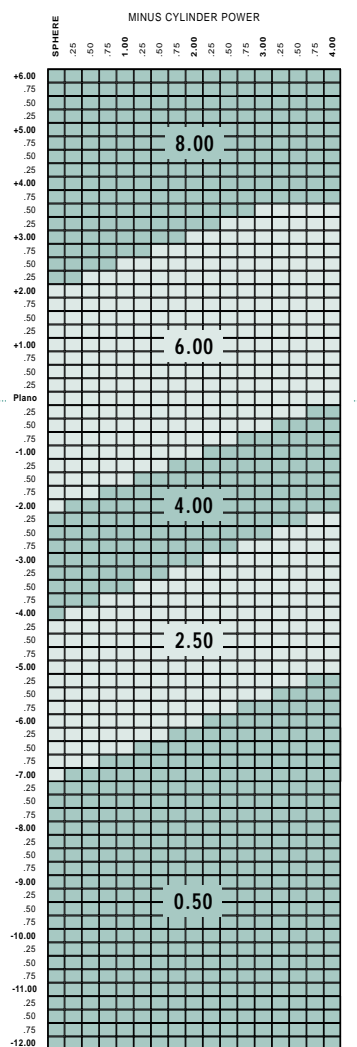
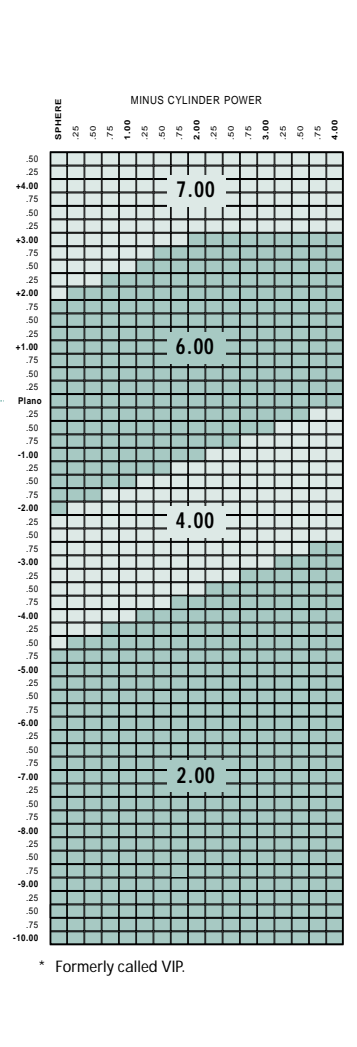
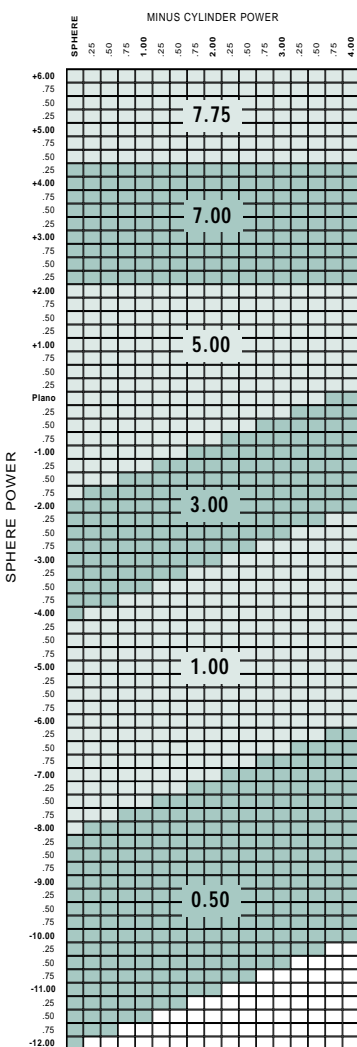
VIP, XL
Hard resin

VIP, XL*
Transitions Gray, Brown
Transitions XTRActive

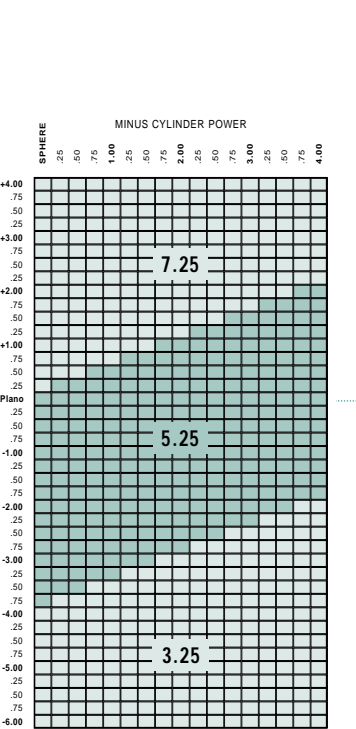
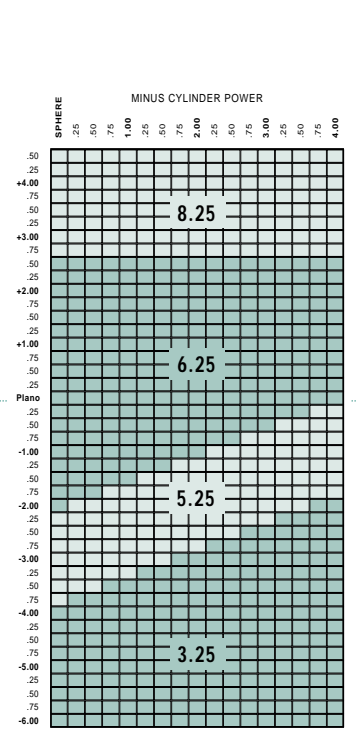


VIP
White Glass
PhotoGray Extra Glass

XL
PhotoGray Extra Glass



* XL is only available in Transitions III Gray, and is not available in 2.50 base.



Lens Diameters

	Diameter	Base Curves
XL ^{Gold}	75 mm	0.50, 7.75
VIP ^{Gold} Spectralite	80 mm	1.00, 3.00, 5.00, 7.00
XL ^{Gold}	72 mm	0.50, 7.75
VIP ^{Gold} Spect. Trans. Gray	78 mm	1.00, 3.00, 5.00, 7.00
VIP ^{Gold} Polycarbonate	80 mm	2.00, 4.00, 6.00, 7.00
XL Hard Resin	80 mm	2.50, 4.00, 6.00, 8.00
XL Transitions Gray	78 mm	4.00, 6.00, 8.00
XL Polycarbonate	80 mm	2.00, 4.00, 6.00, 7.00
XL PhotoGray Extra Glass	75/80 mm	3.25, 5.25, 7.25
VIP Hard Resin	78/85 mm	2.50, 4.00, 6.00, 8.00
VIP Transitions Gray		
VIP Transitions Brown	76/83 mm	2.50, 4.00, 6.00, 8.00
VIP Transitions XTRActive		
VIP PhotoGray Extra Glass	75/80 mm	3.25, 5.25, 6.25, 8.25
VIP White Glass	75/80 mm	3.25, 5.25, 6.25, 8.25

To Re-Mark the Lens

Locating the lens engravings is the most accurate way to re-mark the lens.

- Use a good light source and dark background.
- The "S" engravings are on the front surface of the lens, 34 mm apart or 17 mm to either side of the prism reference point. Use a felt-tip pen to dot the center of the engraving. Add power is below the temporal logo.
- Place the front surface of the lens over the appropriate lens cut out on the opposite side. Line up the dots with the corresponding engravings. Draw in the remaining markings with a felt-tip pen. Or, use a reusable verification mask, available from SOLA.

When Engravings Cannot Be Located

- Use a lensometer to locate and dot the distance optical center (if no prism has been prescribed) or the point of prescribed prism. If cylinder is present, ensure that it is on axis.
- Remove lens from lensometer and place it face down over the lens cut out. Align the center lensometer dot with the Prism Reference dot at the base of the fitting cross.
- Align the outer lensometer dots along the 180° line, next to the SOLA "S" logos. Fill in the remaining marks with a felt-tip pen or use the reusable verification mask.

Questions?
Call the SOLA
Technical Services
Hotline at
1-800-358-8258
press 3



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