

Bob Martin to Douglas Benoit, Friday, July 17, 2009

Edits by Lee Buffalo January 15, 2018

Reclaim Bi-Aspheric Multifocal

Reclaim HD Bi-Aspheric Multifocal lenses are the GP industries first Presbyopic GP lens that combines “S-Form Technology” and “Focal Points Ray Tracing Optical Lathing”.

“S-Form Technology”, unique to all of Blanchard’s Multifocal lenses, creates a lower eccentricity back surface for a more corneal aligned spherical type fit. The new posterior design minimizes potential for corneal change and delivers high definition aberration control optics in a low edge lift design for superb comfort and excellent centering characteristics.

The “Focal Points Ray Tracing Optical Lathing” algorithm written for the front surface is designed in concert with the lower eccentricity “S-Form” posterior surface.

The front surface augments the “S Form” posterior surface by creating a progressive multifocal zone with progressive adds up to +4.00D. The add is created outside the central spherical zone (where the add starts) reaching peak values as you move to the periphery of the lens. Add and zone diameter can be changed provide optimum translating progressive multifocal vision performance with improvements in binocularity.

Although we find that 70% can be fit in the standard 3.0 zone and +3.00 Add, combining the two eccentricities (anterior and posterior surfaces) gives the patient uncompromised visual acuity at all ranges without glare and haloes.