PROGRESSIVE VIVX
A NEW GENERATION OF LENS SCIENCE

The result of multiple years of product research & development between the engineering and optical teams of PILLA and ZEISS.

ENHANCED DEPTH OF FIELD, INSTANTLY MANAGE COLOR FILTRATION, AND DYNAMICALLY MODIFY LIGHT TRANSMISSION

PED
Progressive Enhanced Definition
This lens offers consistent enhancement of the color spectrum while the bottom accelerates the perceptive value of light. The top of the lens has a transmittance of 22% with the bottom having a transmittance of 78%. A filter blend of Amber and Maze.

PM
Progressive Max
Max Orange Filtration Technology accelerates the registration of target Orange throughout the transmittance curve from top to bottom: 30% at the top while the bottom of the lens provides up to 70%. A filter blend of Peach and Pink.

PN
Progressive Neutralizer
The lens on top reflects a 20% transmittance while the bottom reflects a transmittance of 68%. Fantastic for green backgrounds. A filter blend of Plumb and light purple.

PL
Progressive Lemon
The top of the lens uses a high-intensity lemon filtration and the bottom allows for a splash of light into the eye for enhanced depth of field in low light. The top of the lens has a 70% transmittance while the bottom has a 95% transmittance. A filter blend of High Intensity Lemon and pale yellow.

VARIABLE COLOR FILTRATION
Progressive VIVX is a proprietary lens technology engineered by Pilla with lenses by Zeiss. The lens science provides shooters with three distinct advantages: enhanced depth of field, variable color filtration, and “live” light management.

This new lens science introduces variable color filtration utilizing multiple spectral color curves in the same lens. This variation in filtration and light transmission allows the eye to perform at its maximum focal potential while allowing for increased color saturation. The result is enhanced target registration, crisp vision at distance, and higher resolution sight pictures, all while providing the shooter the ability to change light transmittance to tune brightness immediately.


DEPTH OF FIELD ENHANCEMENT
Progressive VIVX lens science creates a situation where the eye has additional light being flooded into the eye from the bottom of the lens. This creates an artificial tightening of the iris thus increasing the eyes depth perception. This is similar to a camera lens when aperture is changed (reduced) to get increased focal length. This change to the iris creates precise definition of the sight picture increasing resolution. This increase in depth of field is critical to shooting sports to properly gauge speed, trajectory and distance.