

CAMBER FREESTYLE 2.0

A wearer may prefer one progressive lens over another, based on their expectations and visual demands. Camber FreeStyle 2.0 progressive lenses can be configured for patient's lifestyles. This provides a more suitable lens and greater wearer satisfaction.

The standard configuration balances near, intermediate and distance vision. This configuration is versatile and suitable for most wearers. It is the most popular and easiest to recommend. Camber FreeStyle 2.0 offers three additional configurations for patients with specific lifestyle needs.

Near vision - Expert or first time progressive lens wearers who have visual demands that call for a larger, easier to use near area.

Distance vision - Expert or first time progressive wearers who have visual demands that call for a larger distance area.

Intermediate vision - First-time wearers and the ones who have experienced non-adapts with other progressive lenses, and those who have visual demands that call for a larger more usable intermediate area.

The smooth transition between visual fields, along with a minimal lateral distortion, make this lens a great choice for progressive wearers who are looking for a very comfortable premium lens.



SEE THE DIFFERENCE

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camber
FreeStyle

PROGRESSIVE LENSES



CAMBER Technology

Breaking from what has become traditional freeform design principles, Camber technology takes progressive lenses into a whole new era. Starting with the blank, every step of the production process has been maximized to produce a lens which is unique in its design and delivery.

Camber's variable base curve significantly reduces oblique aberrations because of its pure and unique geometry, while Digital Ray Path 2 technology compensates and optimizes the back surface of the lens to enhance distance, intermediate and near visual fields. Each wearer receives a personalized dual side lens that is more functional and comfortable to wear.

CAMBER FREESTYLE 2.0 lenses

Camber FreeStyle 2.0 progressive lenses incorporate Digital Ray-Path 2 Technology, Camber Technology and Steady Plus Methodology. Digital Ray-Path 2 incorporates the intelligent use of the wearer's accommodation into the traditional calculations for reducing oblique aberrations, resulting in a superior personalized lens. With Steady Plus Methodology the swim effect is significantly reduced.

With Digital Ray-Path 2, we are finally able to create personalized lenses that harness the accommodative power of the human eye as part of the calculation. This allows us to focus on the elements of aberration that the eye does not naturally correct. The result is a lens design with a dramatically reduced area of a peripheral blur.

Steady Plus Methodology adds a substantial improvement in the wearer's binocular performance and provides a smoother visual experience as both eyes perceive identical visual fields for each gaze direction.

With a variable base curve the Camber blank improves the spherical side of the lens, by offering a continuously increasing base curve to better match the progressive prescriptions.

Camber FreeStyle 2.0 uses a lifestyle questionnaire to help patients define their unique lifestyles. This survey includes questions regarding the main activities: what does the patient do during work hours and spare time, the wearer's previous experience using progressive lenses, patient's reading habits and what sort of computer they are normally using. All these questions are thoughtfully studied to achieve an accurate description of the patients' visual demands. Camber FreeStyle 2.0 is individually produced for each wearer, adapting its power distribution depending on the patient's needs.

By combining both physiological parameters and lifestyle information, Camber FreeStyle 2.0 offers a whole new approach in lens personalization.

