

GENERAL CATALOG
OPHTHALMIC LENSES



INDUSTRIAS DE ÓPTICA PRATS, S.L.

Catalog valid from May 1, 2026, until further notice.

PRATS reserves the right to modify specifications without prior notice.

Dear Customer,

At PRATS, we are truly delighted to welcome you back to our family.

It is a source of pride to share our new catalog, the result of the commitment, passion, and dedication that have accompanied us since the very first day. For more than a century, we have worked with a clear mission: **to offer innovative optical solutions** and to make a difference as one of the most highly valued laboratories in the market. Today, we remain the highest-rated laboratory on the market and **the only independent manufacturer with three fully automated laboratories on the Iberian Peninsula and four worldwide**. This capability allows us to guarantee agile and efficient processes, so we can always offer you the best in quality, service, and advice.

From 1924 to the present day, we have kept our **purpose intact: to provide the best possible vision to users of ophthalmic lenses**. And we do so by also advancing in sustainability, reducing the energy impact of our production and leading **innovation** with solutions such as **the first BIO ophthalmic lenses on the market**.

In this catalog, you will discover a carefully selected range of exclusive products and treatments, along with new developments designed to help you grow in value and professional recognition.

2026 News:

- **BIO by PRATS:** sustainable ophthalmic lenses of plant origin in VIMAX and NEO designs.
- A new structure for the Work category, designed to meet the visual demands of today's presbyopes in the workplace: VIMAX SCREEN, VIMAX OFFIPLUS Balance and VIMAX OFFIPLUS PC.
- New Anti-Reflective Treatments: **QUARZ BIO and QUARZ GAMER**.

Furthermore, we are taking another step forward in guidance, getting even closer to the needs of retail with new digital tools:

- **Sun Demo Tool:** an app for sun lenses with a virtual try-on.
- **Work Tool:** a specific system for occupational lenses.
- **Adaptative Tool:** a renewed platform for advising on VIMAX ADAPTATIVE AI lenses.

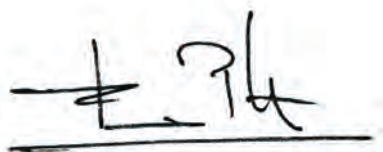
Today, PRATS is present in more than 25 countries, growing alongside professionals like you.

Thank you for being part of this project. Your trust and loyalty drive us to continue improving every day.

We hope to continue growing together.

Thank you for choosing PRATS.

With affection and gratitude,



Chief Executive Officer



Filipe Pires
General Manager Prats Group

PRATS IN THE WORLD

Adaptability and speed, the best service.

At PRATS, we also understand service as MAXIMUM ADAPTABILITY. In this case, adaptability means adapting to our customers' requirements, needs and delivery-time expectations.

We achieve this adaptability by being a company that is close to our clients. This proximity is not only achieved by having production plants located in Barcelona, Madrid, Lisbon, and Costa Rica, but fundamentally by understanding the commercial and industrial relationship as one of closeness with our clients, even if they are thousands of kilometers away, as is currently the case with our branches around the world.

It is this closeness and adaptability that has allowed us, on many occasions, to bring to the production line products developed in response to the needs shared by our customers. This is a fact that sets us apart as a company and of which we are especially proud.

Our designs, our technology, and our work not only seek to manufacture the best lenses with the greatest speed and reliability, but above all, aim to manufacture the lenses that our clients need to prescribe.

A JOURNEY THROUGH THE LENSES

Discover the history
of PRATS



PRATS IN THE WORLD.

The PRATS Group currently has **four fully automated, state-of-the-art laboratories** in Barcelona, Madrid, Lisbon, and San José, Costa Rica, subsidiaries in Mexico and Colombia, and **distributes its products worldwide** in a total of 25 countries.

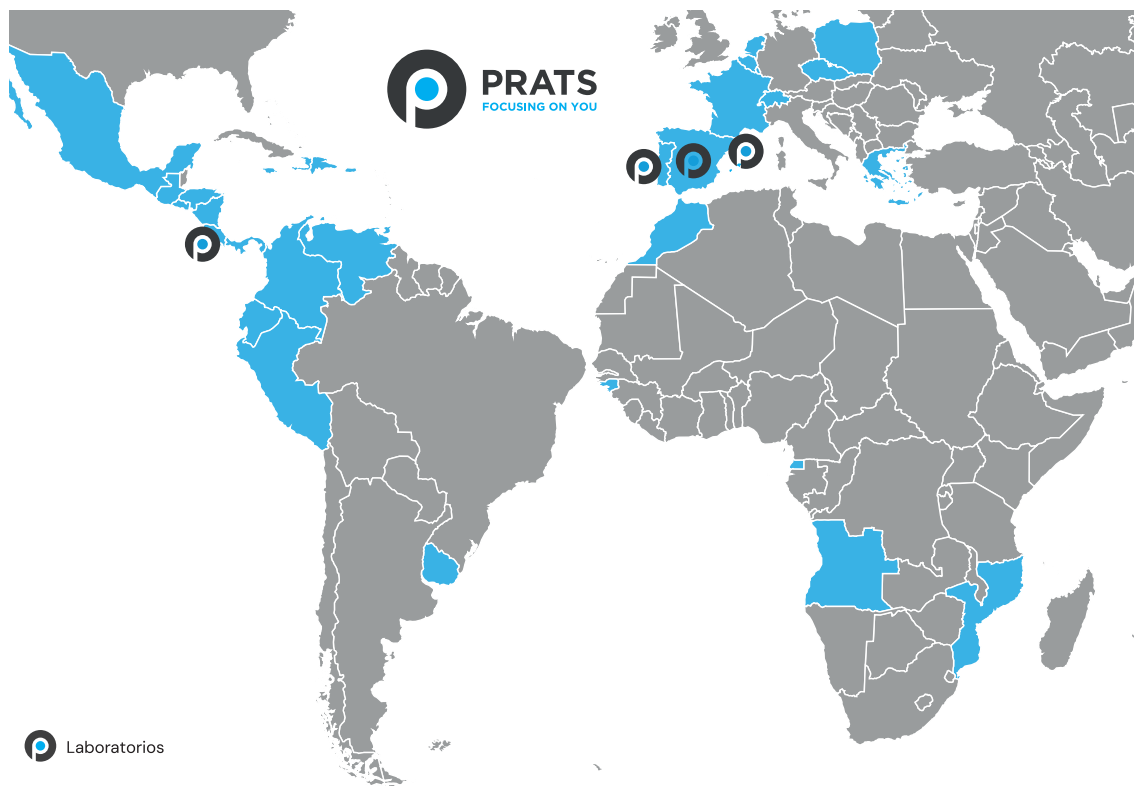
PRATS Laboratorios

BARCELONA

MADRID

LISBOA

COSTA RICA



INDEX

01 | NEWS

PRATS Bio	12
Work Lenses: VIMAX Offiplus and VIMAX Screen	14
Gamer Lenses.....	16
NeuroColors Tinting.....	18
UrbanColors Tinting.....	19
PhotoChrom Lenses: Green and Blue.....	20
Polarized Lenses: Blue.....	21
CSR in PHOTOCROM lenses.....	21

02 | TECHNOLOGIES

Maximum Adaptability.....	24
Geo Vision Adapt.....	26
Stereo Vision Adapt.....	36
Track Vision Adapt.....	37
Girox Vision Adapt	38
Double Gradient Vision Adapt	46
 Pro Vision Adapt.....	48
Distance Focus Vision Adapt	54
AI Vision Adapt	56
Adapt Technologies Summary	58

03 | TECHNICAL INFORMATION

Production Technologies	62	Theory of the blur phenomenon	87
Photochrom	66	Lenses for myopia management	88
Transitions: XTRActive.....	68	QUARZ Family.....	90
Blue light protection	69	Iconic Touch	92
Work Lenses	73	Advanced Bevels	94
Pro Design	80	Prism Info	100
Neo and Evolta Pro	81	Color chart	102
A-TORIC Lab	82	Visual filters	122
Xpedit A-TORIC 1.6 BSS QUARZ XTRAMAX.....	84	SUN&SPORT Materials.....	124
Characteristics of single vision lenses	85	Regulations.....	128

04 | LENSES GENERAL CATALOG



PRATS **BIO**: sustainable ophthalmic lenses of plant origin

PROGRESSIVES

VIMAX® BIO Adaptative.....	140
VIMAX® BIO Fit Usr	140
VIMAX® BIO Offiplus.....	140

SINGLE VISION

NEO PRO BIO	141
NEO RELAX PLUS BIO	141

UNIVERSAL USE - organic

Vision uses	144
Vision Pack.....	146

PROGRESSIVES

VIMAX® Adaptative.....	152
VIMAX® Master.....	158
VIMAX® Infinity.....	164
VIMAX® Definition.....	172
VIMAX® Fit Frm.....	178
VIMAX® Fit Usr	186
VIMAX® Fit Usr XS.....	194
VIMAX® Classic	198
VIMAX® Ini	204
VIMAX® Primo.....	210
Íkarus®	216

SINGLE VISION

NEO PRO	234
EVOLTA PRO	240
A-TORIC	244
Single Vision Organic Lab	250
Organic Express	258

BIFOCALS

C-28 Organic.....	264
Executive Organic	265
Invisible Organic.....	266

UNIVERSAL USE - mineral

PROGRESSIVES

VIMAX® Fit Mineral	270
--------------------------	-----

SINGLE VISION

NEO PRO	276
Single Vision Lab.....	280
Express.....	282

BIFOCALS

C-28 Mineral.....	284
-------------------	-----

WORK USE

PROGRESSIVES

VIMAX® Offiplus.....	290
VIMAX® Screen.....	294

SINGLE VISION

NEO RELAX PLUS.....	300
---------------------	-----



DRIVE USE

PROGRESSIVES

VIMAX® Drive.....306

KIDS USE

PROGRESSIVES

VIMAX® Kids.....316

CLINICAL USE

PROGRESSIVES

VIMAX® High Add.....334

VIMAX® Miopas.....336

VIMAX® Power.....338

SUN & SPORT USE

PROGRESSIVES

VIMAX® Sport.....352

SINGLE VISION

NEO PRO Drive.....310

SINGLE VISION

NEO RELAX Kids.....320

MYOP Kids.....324

DEFOCUS Kids328

SINGLE VISION

Miopas.....322

Catarata.....346

SINGLE VISION

NEO PRO Sport.....358

EVOLTA PRO Sport364

NEW

SPECIALIZED USE

PROGRESSIVES

VIMAX Gamer372

SINGLE VISION

NEO PRO Gamer.....374

05 | CENTERING CHARTS

PROGRESSIVES

Centering charts379



NEWS

NEWS



PRATS BIO

At PRATS, we are committed to reducing our carbon footprint and having a positive impact on the planet. We understand that the innovation that defines us must align with this conviction, providing added value to the user: a proposal that combines optical performance with sustainability.

This is how Bio 1.6 was born: a new plant-based material, with biomass certification, and a documented reduction of CO₂ for the manufacture of high-quality ophthalmic lenses. This development makes it possible to reduce dependence on petroleum derivatives without compromising key properties such as thinness, lightness, and visual quality.

SUSTAINABILITY

The three pillars that make Bio 1.6 special:

01 Plant-based material

A raw material of plant origin that guarantees environmental responsibility throughout the entire production chain: from raw material and lens manufacturing through to the optical practice.

02 Biomass certification

The new Bio 1.6 material is certified by an official and independent body as a biomass product and meets the established quality standards, regulations, and criteria.

In addition, it has USDA BioPreferred® certification, which guarantees its plant origin.

03 Carbon footprint

Bio 1.6 reduces CO₂ emissions by 8% compared to conventional petroleum-derived materials, while maintaining the same level of quality.

This reduction has been calculated in accordance with ISO 14067, using a model case whose assessment scope covers from the production of the raw material to the production of the resin.



MR-160DG™



MR, Do Green and MR-160DG are either registered trademarks or trademarks of Mitsui Chemicals, Inc. in Japan and/or other countries.

Biobased product certification mark (USDA) : Biomass mark indicating plant-derived certification by the United States Department of Agriculture (USDA BioPreferred®)

OPTICAL PERFORMANCE

The sustainability of the new Bio 1.6 material does not involve any technical compromise; instead, it offers exceptional optical properties, as it is manufactured with high-index MR™ materials for lenses.



Thin and lightweight

Even high prescription lenses can be thin and comfortable to wear, thanks to the fact that Bio 1.6 has been developed with a high refractive index.



Safe and resistant

The Bio 1.6 material is highly resistant to impacts and breakage, which makes the lenses safer and easier to handle, even in drilled or grooved frames.



Long-lasting aesthetics

Bio 1.6 offers high resistance to wear and good stability over time.



Clear vision

The optical properties of Bio 1.6 provide premium lenses of excellent visual quality.



NEWS

At PRATS, we constantly evolve to offer increasingly advanced, precise, and tailored visual solutions to the real needs of users. Our commitment to innovation, optical engineering, and excellence drives us to develop new products that improve visual performance, comfort, and the user experience.

This new catalog is a reflection of that continuous evolution, designed to help vision professionals provide maximum satisfaction to their patients.



VIMAX SCREEN

Precise and stable vision for focused tasks.

Occupational progressive lens designed for people who perform highly static tasks focused on a specific working distance or visual area, such as prolonged use of one or more computers, reading, or high-precision tasks. Designed for environments where vision is mainly maintained at near and intermediate distances.



VIMAX OFFIPLUS

Efficient and comfortable vision for every work environment.

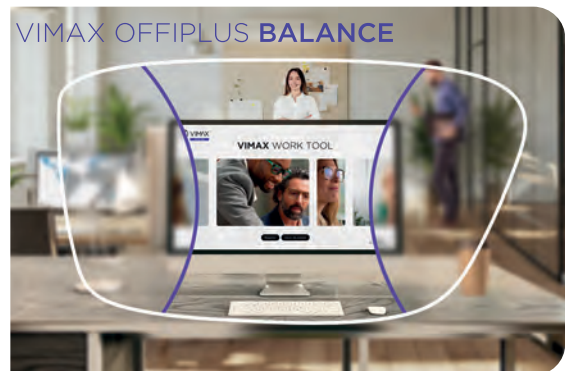
VIMAX Offiplus was created to meet the new visual demands of today's work environment. A range of occupational progressives designed to optimize vision in workspaces, where precision, comfort, and ergonomics are key.

Within the VIMAX Offiplus design, two variants —Balance and PC— are integrated, expanding customization possibilities and allowing for more precise adaptation to each user's visual needs and the specific demands of their work environment.

VIMAX Offiplus **Balance**

Visual flexibility for a dynamic workspace

VIMAX Offiplus Balance is an ideal occupational progressive for working in dynamic, multitasking environments, where vision naturally alternates between different areas of the workspace, with objects, information, and/or people located at different distances. Its design offers an optimal balance between width and depth of field, smoothly adapting to the various visual situations that arise throughout the workday.



VIMAX Offiplus **PC**

Advanced visual comfort for intensive screen use

VIMAX Offiplus PC is an occupational progressive optimized for people who spend many hours in front of a computer.



NEWS

GAMER LENSES

Lenses designed around your gaming distance



In video games, especially during long sessions, vision is focused for hours at a single distance, with constant changes in gaze direction and a high demand for detail perception both in central and peripheral vision, which can increase accommodative effort and lead to visual fatigue.

Universal-use lenses (single vision and progressives) are designed based on a multipurpose object space, optimized to cover multiple distances. This approach involves a compromise in the distribution of features, which may not be optimal when there is a clearly dominant distance. The new VIMAX Gamer and NEO PRO Gamer lenses are solutions that maximize gamers' performance, whether they use progressives or single vision lenses. **The design provides a wide visual field at the distance where the screen is placed and takes into account the range of usage distances. It offers greater visual stability and a reduction in visual fatigue.**

The Gamer range incorporates a filter that enhances contrast and, together with the QUARZ Gamer coating, helps reduce exposure to blue light, achieving greater definition and visual comfort during prolonged use.

VISUAL REQUIREMENTS OF GAMERS

- Very stable fixation distance
- Clear vision and the ability to read quickly
- Fast reading and recognition of on-screen information. Eye movements that are broader and more frequent than those of the head
- In the case of presbyopes:
- If they use a monitor, vision is focused on the screen and secondarily on nearby elements, with little demand for distance vision.
- If they use a TV, the dominant distance is far, with less interaction with nearby elements.

DESIGN PRINCIPLES OF GAMER LENSES

- Individualized calculation in the actual position of use (vertex, pantoscopic and facial angle).
- Definition of personalized gaming distance.
- Construction of a specific object space.
- Optimization of the visual field at the dominant distance.
- Control of peripheral aberrations.
- Improvement of binocular stability in real use.
- Integration of accommodative relief calculated according to the gaming distance.

VIMAX GAMER

Universal progressive lenses address most of the visual needs of presbyopic users in a wide variety of situations. However, they present limitations in specific tasks that are especially demanding at a dominant distance, as occurs in video games in front of a screen. The design of VIMAX Gamer is conceived to maximize the visual comfort of the player, optimizing performance precisely at the distance where the screen is placed.



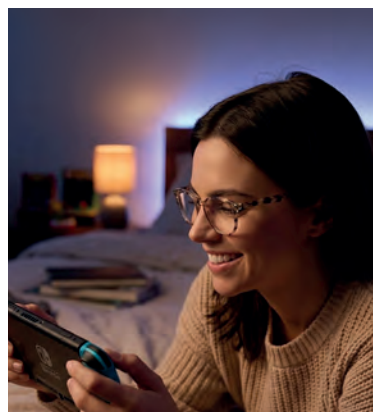
BENEFITS FOR GAMERS

- Wide visual field at gaming distance.
- Sufficient versatility without compromising field width or performance at the main distance
- Functional periphery, without the need for head movements.
- Greater visual stability, thanks to improved visual performance in the periphery
- Effective vision within the range of distances defined for the activity
- Better binocular balance in real use.
- Reduced visual fatigue during prolonged sessions
- Improves postural comfort, without the need for forced postures to maintain focus on the screen.

NEO PRO GAMER

Customized freeform single vision lens, based on the design principles mentioned for Gamers, calculated in the position of use and with variable gaming distance. It optimizes vision at the predominant gaming distance with the aim of maximizing performance. In addition, it includes accommodative relief that reduces visual fatigue after long gaming sessions and a precise calculation that improves binocular balance.

Neo Pro Gamer takes into account the convergence associated with the gaming distance to improve binocular balance at the dominant usage distance.



BENEFIT TO THE GAMER USER:

- Maximum precision and sharpness at gaming distance.
- Functional peripheral vision zone, without the need for head movements
- Greater visual stability
- Better visual performance in the periphery
- Expanded visual field.
- Reduced eye strain

NEW FEATURES

NEUROCOLORS

Selective attenuation

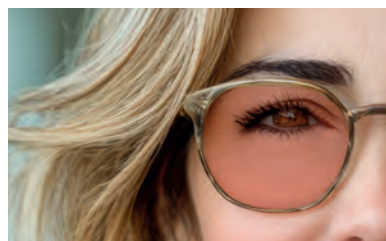
PRATS introduces the new family of NeuroColors by Prats lenses, designed to offer a visual experience with greater contrast, through the selective attenuation of the blue-violet fraction of the spectrum, without altering the rest of the visible light.



NeuroColor **Rise** offers moderate attenuation of short wavelengths, **recommended for users seeking a warmer light sensation indoors during the day.**



NeuroColor **Rest** provides more intense filtering, **recommended for users who prefer this color range to relax in low-light environments or before sleeping.**



NeuroColor **Calm** offers selective attenuation of certain wavelengths of the visible spectrum. Recommended for users with high sensitivity to light or those exposed to visually demanding environments.

It promotes visual comfort, alleviating the discomfort resulting from excessive light stimulation.

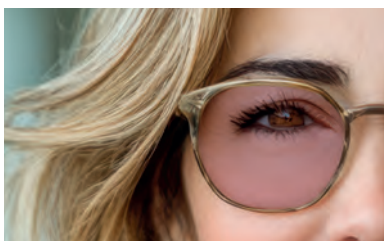
The NeuroColors range allows the visual experience to be adjusted according to the user's preferences without significantly altering perceived ambient lighting.

URBANCOLORS

Color is felt, experienced, and transformed.

PRATS presents an innovative range of color tints, inspired by the latest trends, where technology and creativity merge to offer vibrant, precise, and absolutely contemporary results.

SAKURA



GOLDEN LIGHT



MINT LIGHT



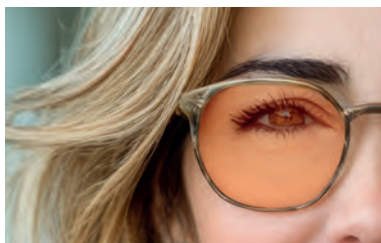
GOLDEN BREEZE



BLUE BERRY LIGHT



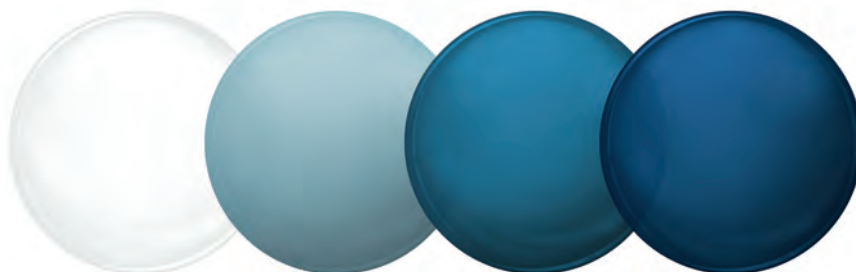
ORANGE MELON



NEW FEATURES

PHOTOCHROM: GREEN AND BLUE

With the addition of green and blue shades, photochromic lenses expand their chromatic range in line with current eyewear fashion trends. These lenses automatically adapt to changes in brightness, darkening outdoors and lightening indoors progressively, allowing for comfortable vision at all times. In addition, they provide full protection against UV rays and help reduce glare, maintaining an optimal balance between functionality, visual performance, and design.



POLARIZED: BLUE



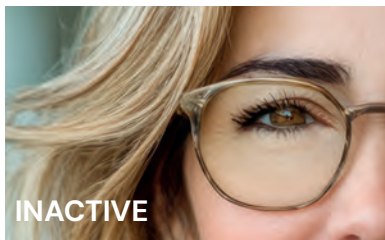
Polarized lenses are key to improving visual quality, as they effectively reduce reflections and increase contrast, providing sharper, more comfortable, and high-performance vision.

In line with this visual excellence, the range of polarized colors is constantly evolving, updating to adapt to fashion trends and the demands of an increasingly sophisticated market.

To the existing colors—grey, green, and brown—a new color is added: blue; a modern and elegant shade that reinforces the premium character of the polarized range and expands aesthetic possibilities without sacrificing functionality.

CSR IN PHOTOCROM LENSES

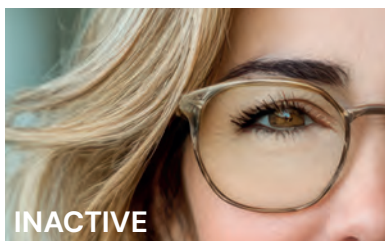
Photochromic lens with CSR filter: integrates **photochromic adaptation and spectral optimization** to selectively reduce the transmission of high-energy visible blue light.



INACTIVE



ACTIVATED



INACTIVE



ACTIVATED





TECHNOLOGIES

MAXIMUM ADAPTABILITY

The principle behind PRATS' advanced lens designs.

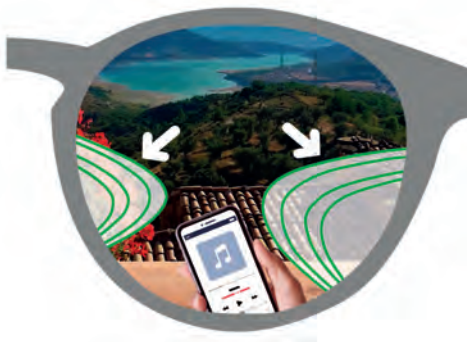
All our lenses have been designed under the Principle of Maximum Adaptability.

By applying this principle, we design all our lenses so that lateral aberrations are configured in such a way that, in a short period of time, the user's brain reinterprets these distorted images, turning them into useful visual images.

This is what we call MAXIMUM ADAPTABILITY, and thanks to it, the user will notice how the quality of their vision progressively increases during the first weeks of use.

Through MAXIMUM ADAPTABILITY, we have achieved one of the lowest rejection rates in the market, especially in progressive lenses.

Currently, we are the only manufacturer of ophthalmic lenses that applies this principle in its designs to increase the useful area of the lens and achieve maximum satisfaction in the user experience.



DAY 01



DAY 05



DAY 10



DAY 20

Optimization technologies.

GEO VISION ADAPT	User data	POWER Power
		CORRIDOR Variable corridor
		CURVE Adapted base curve
		INSET Variable inset
STEREO VISION ADAPT	Binocularity in anisometropias	
TRACK VISION ADAPT	Natural eye movement	
GIROX VISION ADAPT	Frame data	PANTOS Pantoscopic angle
		FACE Facial Angle
		VERTEX Vertex distance
		CRO Eye rotation center
DOUBLE GRADIENT VISION ADAPT	Astigmatism for distance and near vision	
PRO VISION ADAPT	Individual Parameters	USE Visual balance test
		CLINIC Clinical inset
		READ Reading distance
A.I. VISION ADAPT	Artificial intelligence	
DISTANCE FOCUS VISION ADAPT	Object Space	

VISION ADAPT is the set of exclusive PRATS technologies, with which all VIMAX lenses are designed following the Principle of Maximum Adaptability.

ADAPT OPTIMIZATIONS

GEO VISION ADAPT

With GEO VISION ADAPT, it is possible to expand the visual fields through four optimizations: Power, Corridor, Curve, and Inset.

GEO VISION POWER.

The first level of optimization is GEO VISION POWER, through which we redesign the optical surface to keep the base design unchanged, regardless of each user's prescription.

With GEO VISION technology, we calculate each pair of lenses in real time, based on the precise data: axis, cylinder, sphere and addition for each case; without relying on pre-established designs.



In a standard design, the user's complete prescription has not been taken into account, but rather an average approximation. With GEO VISION POWER, there are no molds and the lens is manufactured with the user's precise prescription.

ILLUSTRATION 1.

When starting from a pre-established design to manufacture a whole range of powers, the result varies depending on the prescription that is cut. When using a convex surface for +2.00 to manufacture a +2.00, the result is optimal. However, when the same +2.00 is used to manufacture a +4.00 and a neutral, the resulting maps are clearly inferior.

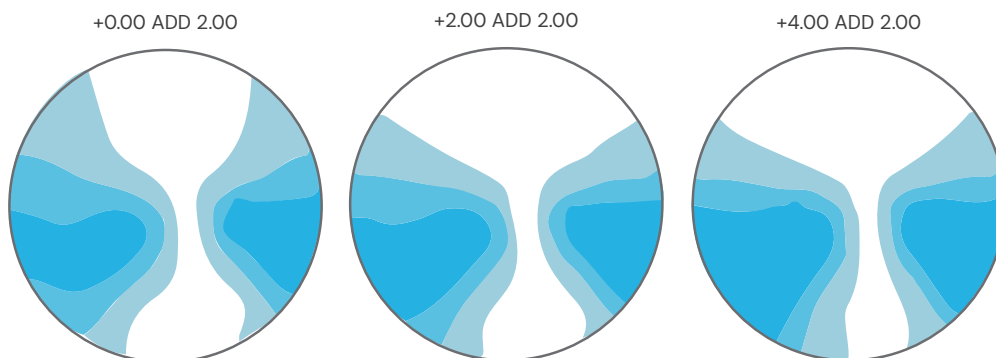
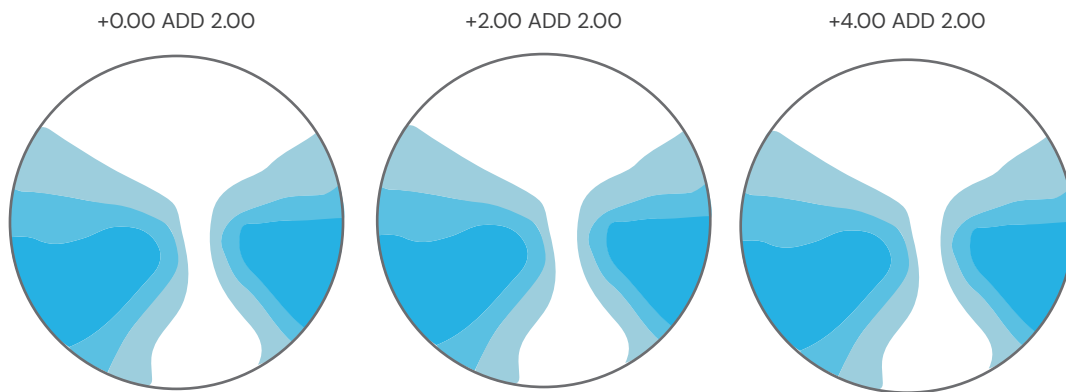


ILLUSTRATION 2.

The maps obtained from concave designs, optimized in real time to the precise power in each case, are invariable, maintaining the same level of optimization at all points of the lens. The fields will be equally optimal regardless of each individual's prescription.



RECOMMENDATIONS FOR POWER.

Designs calculated in real time for the concave side always offer a clearly superior result compared to convex or bi-aspheric designs, regardless of the prescription. The reason is that both in bi-aspheric and convex designs, the starting point is surfaces optimized for an average spherical prescription.

BENEFIT TO THE USER:

Fields of vision equally optimal regardless of each individual's prescription; unlike predefined designs, in which they will only be optimal for the individual who matches the exact prescription of the pre-design, something very unlikely given the great variability of the data involved.

GEO VISION CORRIDOR.

To ensure the user feels more comfortable in the transition from distance to near vision, we adjust the near zone according to the maximum boxing height maximum boxing height of the frame. This optimization is of vital importance in cases of narrow frames.



In a standard design, we must adhere to two corridor lengths. With the short length, an excess of lateral aberrations is generated. With the long length, we risk eliminating part of the optimal near vision zone.

GEO ADAPT CORRIDOR allows the optimization of



the corridor progression by adapting it to the exact dimensions of the frame (or the user's needs), thus obtaining the maximum performance from the lens.



We observe that, with the same design and addition, a short corridor increases lateral aberrations, resulting in a somewhat narrower intermediate zone; as Minkwitz already described in his theorem.



With GEO VISION CORRIDOR, we see how the intermediate zone improves, reducing lateral astigmatism by increasing the corridor and adapting it to the maximum length allowed by the frame. (important for narrow frames).

VARIABLE CORRIDOR LENGTH.

The corridor can be ordered with a length between 14 and 18 mm, in 1 mm increments.

The corridor is defined from the fitting cross in distance vision to the center of the near circle.

RECOMMENDATIONS FOR THE CORRIDOR.

- Additions up to 1.25 without limitations in the choice between 14 mm and 18 mm.
- Additions from 1.25 to 2.00 intermediate corridors (16–17–18) mm.
- Additions from 2.00 onwards, long corridor 18 mm.

The choice of frame determines the choice of corridor, and its suitability must be evaluated depending on how the user will use the intermediate and near vision zones.

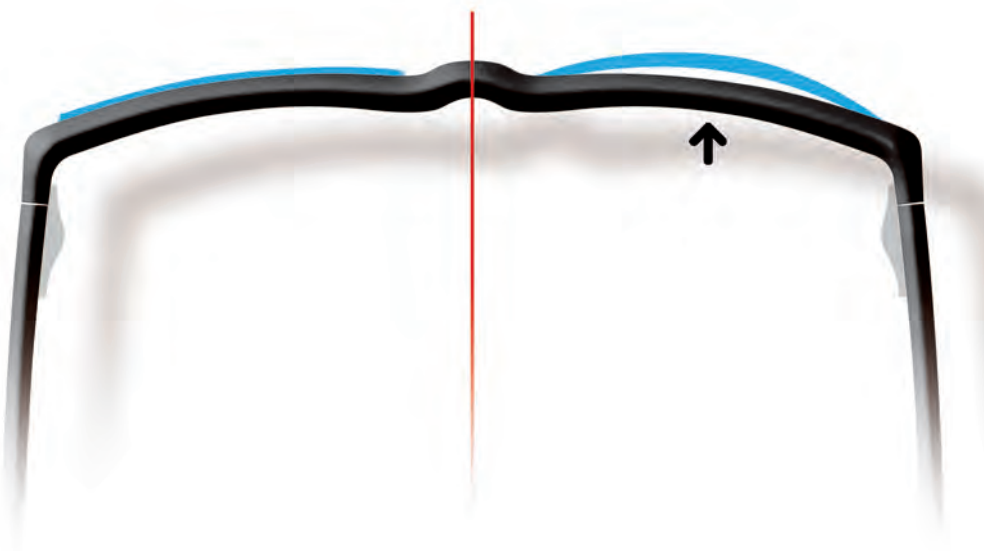
The corridor length that the user may have had in their previous glasses should also be taken into account. Thus, if a user with an addition of 3.00 D has a 14 mm corridor and is satisfactory; it would not be necessary to extend it unless the intention is to widen the intermediate field. On the other hand, if it has a short corridor but the new prescription involves an increase in addition, we should take the initial recommendations into account.

BENEFIT TO THE USER:

Optimization of the intermediate field of vision for each particular case, reducing lateral aberrations and optimizing the distance-to-near transition, according to the chosen frame and the user's needs.

GEO VISION CURVE.

To prevent the frame from deforming or losing any aesthetic quality, the lens curve will adapt perfectly to the frame curve while maintaining optical quality. The user will have no restrictions regarding the type of frame.



In the illustration, it can be seen how the base of the lens on the right does not adapt to the base of the frame, protruding from it. However, the lens on the left adapts perfectly to the base of the frame.

ILLUSTRATION 1.

Real-time concave designs allow working with a wide range of bases, and the design is optimized for each base. We observe that the result obtained when manufacturing a +2.5 with different bases does not vary depending on the base used.

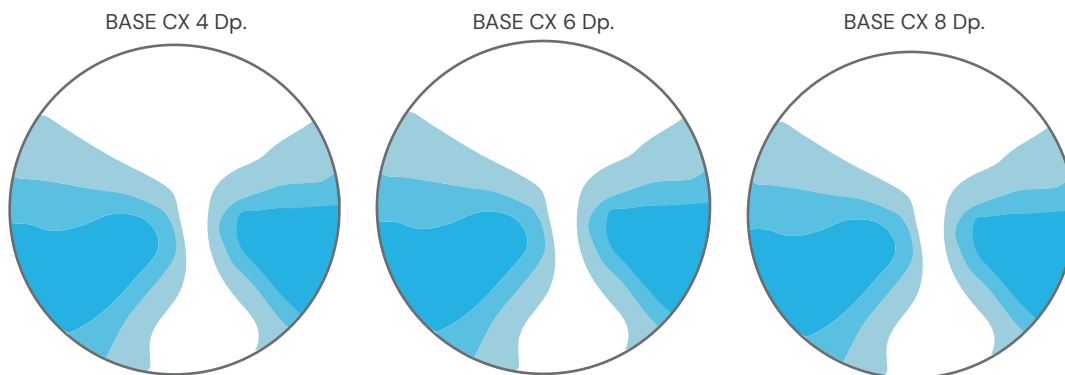


ILLUSTRATION 2.

In convex or biaspheric designs, the number of possible bases is much more limited and they are optimized for a single power. In the central figure, we represent a convex design with base 5 optimized for +2.50. When manufacturing the same power in other bases (not optimized for +2.50), the result obtained is noticeably inferior.

BASE CX 2.5 Dp Not optimized.



BASE CX 5 Dp Optimized. for +2.50



BASE CX 7.5 Dp Not optimized.



RECOMMENDATIONS FOR THE ADAPTED BASE CURVE.

The base curve has a significant influence on the optical quality perceived by the user. For a given prescription, keeping the optical design unchanged implies calculating a specific progressive geometry for each possible different convex base.

If the progressive lens range does not include calculation adapted to the base curve, flat frames should be chosen for negative lenses and more curved ones for positive lenses, and changes of base on the convex standard should be avoided.

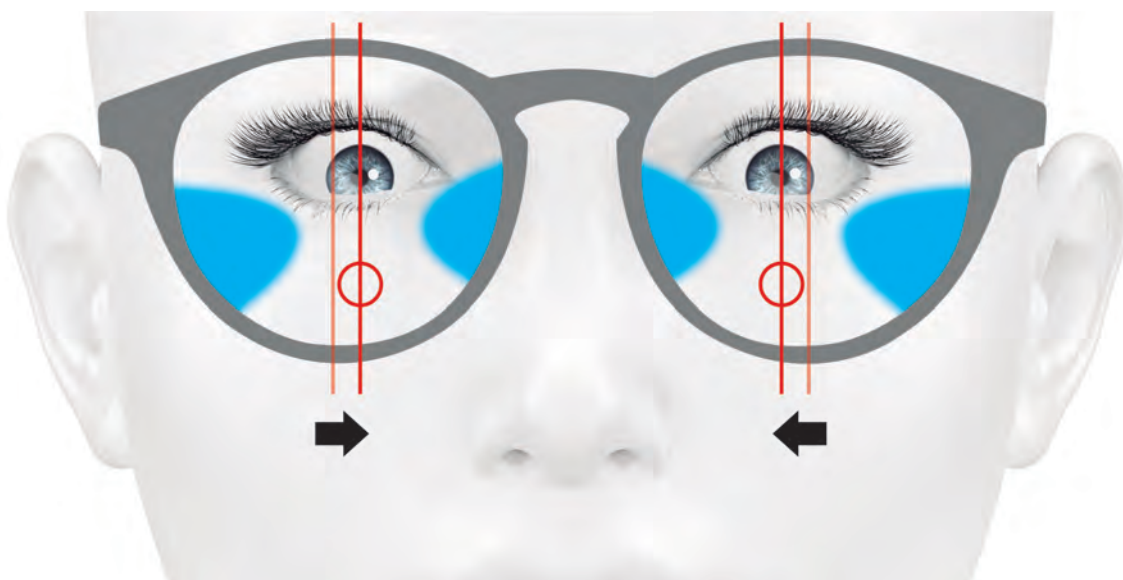
The progressive and single vision ranges with GEOADAPT provide freedom in the choice of frame.

BENEFIT TO THE USER:

Greater optical quality in all directions of gaze, by obtaining optimal fields of vision regardless of the lens base, which adapts to the frame. It allows the user freedom in the choice of frame, with optimal aesthetics.

GEO VISION **INSET.**

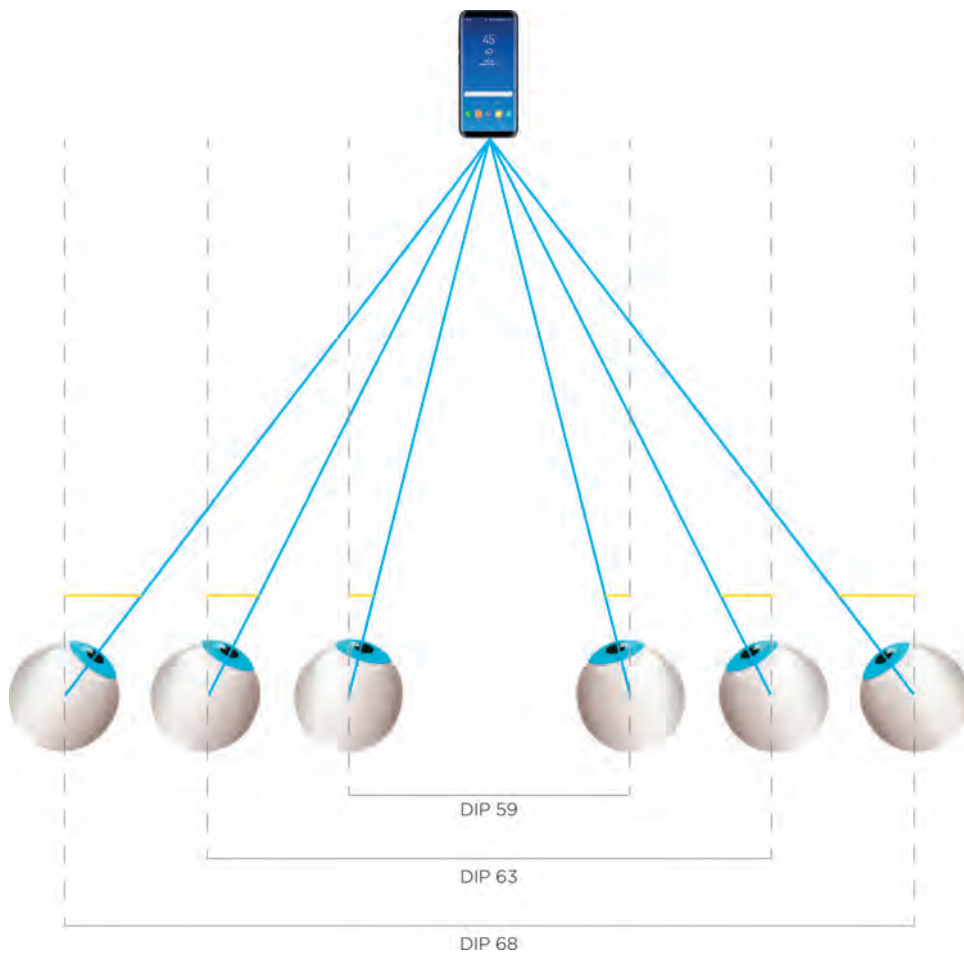
We reposition the optimal near vision area to place it exactly at the point on the lens where the user converges.



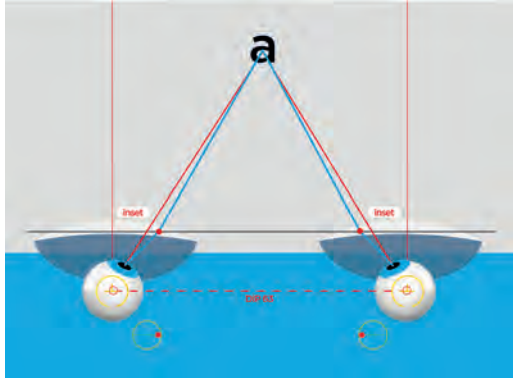
The illustration shows a gaze converging at near distance, and it can be seen how the area where the user converges is shifted towards the nasal side.

The value of the displacement depends on the user's individual parameters.

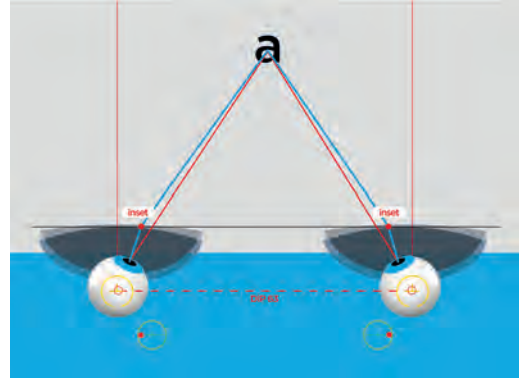
A parameter that directly influences the inset is the PD (pupillary distance). In the graph, we can observe how the amplitude of convergence (yellow lines) varies according to each user's PD, for a given reading distance. Thus, the greater the PD, the greater this amplitude will be.



Another parameter that directly influences the calculation of the inset is the lens power. When the user converges, a horizontal prismatic effect occurs depending on the refractive error and its magnitude.



- Horizontal prismatic effect in positive lenses



- Horizontal prismatic effect in negative lenses

The blue lines indicate the new position of the pupil at near, due to the prismatic effect produced in each case.



- Without optimized inset



- With optimized inset

RECOMMENDATIONS FOR VARIABLE INSET.

The inset depends on many parameters, such as PD, lens power, corneal distance, DCRO, facial angle, convex base... taking into account how all these parameters affect simultaneously, the optimal inset is calculated for each particular case.

For PDs below 61 or above 67, we would recommend using ranges with variable inset.

When the facial angle of the frame is not within the 3°–8° range, a range with variable inset should be chosen.

All our *freeform* ranges consider the variation of inset with power, so this factor is not decisive in the selection.

BENEFIT TO THE USER:

Calculating the insets taking into account the individual monocular PDs, the facial angle, and the horizontal prismatic effects generated in each case results in an expansion of the intermediate and near vision fields, as well as optimization of peripheral vision.

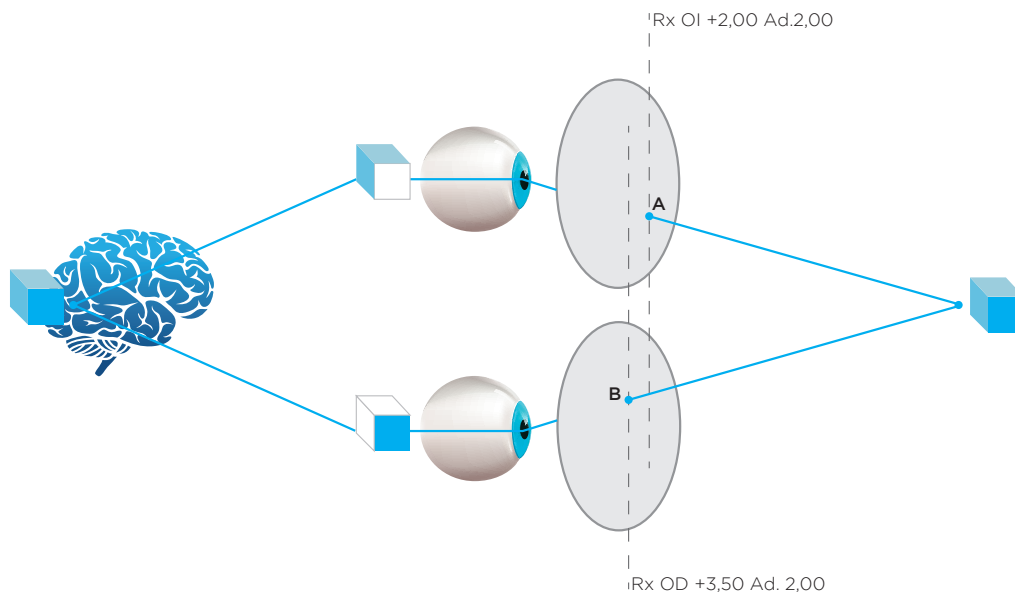
STEREO VISION ADAPT.

With STEREO VISION ADAPT, the progressive power gradients are recalculated to achieve unification of the object space even in mild or moderate anisometropia.

Through a new and more sophisticated ray tracing, the object is positioned in three dimensions by studying the focusing in various axes and directions. This new optimization concept takes into account the stress that occurs at the level of the higher visual pathways during the process of image fusion and recognition.

Due to binocular calculation, When replacing the lens for one eye only, it is essential to provide the prescription of the contralateral eye to provide the prescription of the contralateral eye.

STEREO VISION ADAPT achieves a unique visual experience, even in cases of anisometropia, with perfect horizontal and vertical synchronization. It achieves excellent binocular conjugation in both distance and near vision, without stress or cortical rivalry in image integration.



We provide the same optical characteristics (astigmatism, addition) to different points of both lenses (A and B), which correspond to the same and unique object space.

BENEFIT TO THE USER:

Relaxed and comfortable binocular vision at intermediate distances and even more so at near, without cortical stress

TRACK VISION ADAPT.

With TRACK VISION ADAPT, the visual path of the eye in relation to the considered object space is incorporated into the lens design, in order to achieve maximum performance at all distances in a natural manner.

The fields are redistributed so that the visual convergence path of the eye serves as the axis of symmetry for these fields. Thus, for each object distance, the same field width is obtained in horizontal gaze sweeps both to the left and to the right. In the same way, the same field width is achieved in both the left and right lenses, which also enhances image sharpness in binocular vision.

With TRACK VISION ADAPT, the user naturally finds the maximum field at all distances, without needing to search for it, making the most of the lens's field width—a feature that is especially important and critical at intermediate distances.



BENEFIT TO THE USER:

Greater width of all fields, mainly in intermediate vision, and improved binocular conjugation, which results in higher quality of the perceived image, from distance to near.

GIROX VISION ADAPT.

With GIROX VISION ADAPT, the design is adapted to the angles, vertex distance, and shape of the frame, allowing complete freedom of frame choice without altering visual quality.

The principle of GIROX VISION ADAPT is to maintain the optical quality of the lens by modifying it to adapt to different morphological values of the user.

GIROX VISION PANTOS.

With GIROX VISION PANTOS technology, the design is calculated with the exact pantoscopic angle to guarantee the best visual performance in that position.

With the same frame, a different measurement of the vertical tilt plane may be obtained depending on the user and their morphological characteristics.

The frame, for a given user, provides a measurement in the vertical plane of 7°.



With another user, the same frame is positioned so that the vertical tilt angle is 2°.



In the image, we can observe the fields obtained, calculated for a pantoscopic angle of 7° .



We observe the consequence of positioning the previously designed lens at a pantoscopic angle of 2° . When the lens is farther from the user's face and at a greater distance than calculated, the fields are reduced and the effective power of the lens in the near zone varies, resulting in less stable vision.



RECOMMENDATIONS FOR THE PANTOSCOPIC ANGLE.

When the pantoscopic angle is not within the range of $6^\circ - 9^\circ$, especially if the addition is greater than 1.50 Dp., we recommend a range with GIROX VISION PANTOS. The same applies to single vision lenses, although in this case we are not referring to addition but to maintaining a constant optical design.

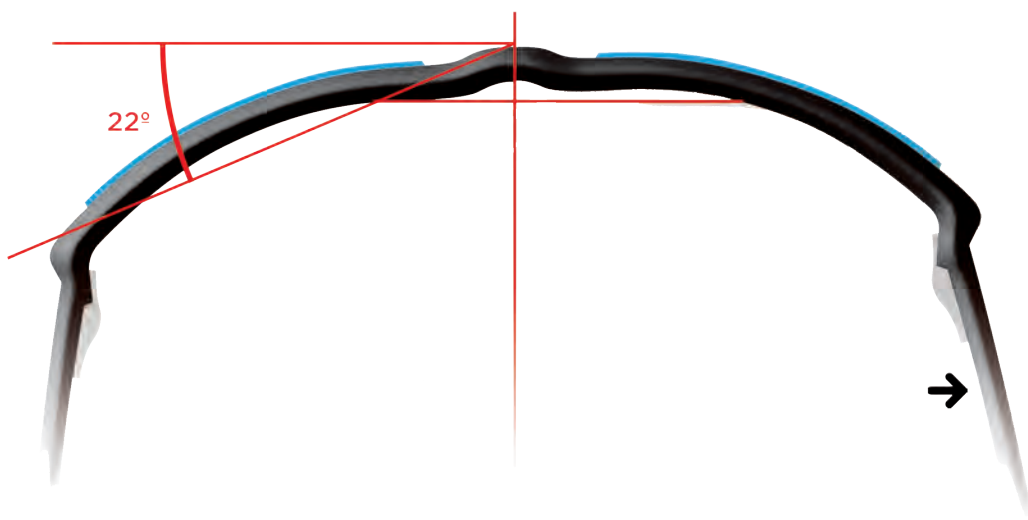
BENEFIT TO THE USER:

Optimal fields of vision in all gaze directions regardless of the pantoscopic angle, especially relevant in the near zone.

GIROX VISION FACE.

With GIROX VISION FACE technology, the design is calculated with the exact facial angle to guarantee the best visual performance in that position.

We measure the horizontal tilt plane of the frame to avoid unwanted distortions.



When the degree of curvature or facial angle of the frame is high, the position of the lens in space in front of the eye changes, which will affect the final optical result. As a consequence, it will be necessary to adjust the calculation according to the value of the facial angle to obtain an optimal result in each case.

Furthermore, if the convex base of the lens is smaller than that of the frame, the lens deforms the curvature of the frame, causing it to open.

PRATS lenses adapt the curve of the lens to that of the frame without loss of optical or aesthetic quality.

The image shows how the aberration zones might be positioned in a progressive design not optimized for a facial angle greater than the standard. In this case, although the progressive design would be correct for a standard usage position, when positioned differently, the performance of the progressive is not as desired.

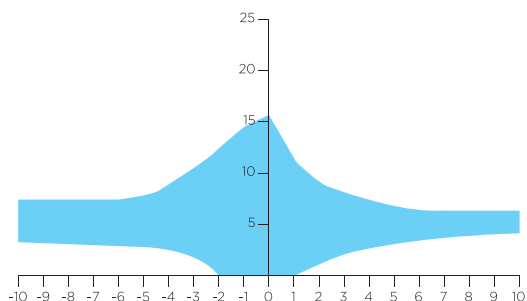


However, as shown in the lower right image, if the design is optimized for a facial angle parameter greater than the standard, the effect is that the lens does not lose its optical qualities.



RECOMMENDATIONS FOR THE FACIAL ANGLE.

The facial angle distorts the design of the progressive or single vision lens, increases aberrations, and produces a prismatic effect. These aberrations are greater the higher the power (both negative and positive).



Guideline table to determine the need for optimization due to the facial angle (Maximum Power Vs Facial, Addition of 2).

For points located outside the blue area of the table, it is recommended to choose a range with GIROX VISION FACE. For additions greater than 2, it is highly recommended to choose a range with GIROX VISION FACE technology. For lower additions, the criterion may be somewhat more flexible.

As a reference, we can also use this table for single vision lenses.

BENEFIT TO THE USER:

Optimal quality of central and peripheral vision, even in curved frames. Free choice of frame.

GIROX VISION VERTEX.

The corneal distance affects the width of the distance and near fields, the effective length of the corridor, and the perceived power.

In VIMAX Adaptative, VIMAX Master, VIMAX Infinity, VIMAX Fit Frm, and VIMAX Definition, it is possible to specify a precise parameter for maximum customization of the lens design.



The corneal vertex distance is measured from the corneal apex to the posterior surface of the lens.

The corneal vertex distance is one of the parameters that can influence the final performance of the lens.

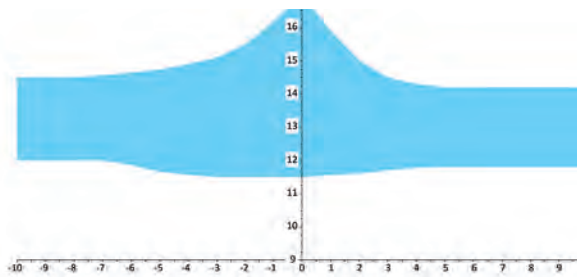


In the image, the maps obtained and calculated for a vertex distance of 13 mm and a power of 3.00 Dp can be observed.



The consequence of positioning the previously designed lens at a vertex distance of 16 mm is observed. If the lens is positioned at a distance greater than calculated, the fields are reduced, the effective power of the lens for both distance and near vision varies, making it difficult to achieve quality vision as well as to locate the intermediate and near zones.

RECOMMENDATIONS FOR CORNEAL VERTEX DISTANCE.



Guidance table to determine the need for optimization due to vertex distance (Maximum Power vs. Vertex Distance, Addition of 2.00 Dp.).

For points located outside the blue zone, it is recommended to choose a range with variable corneal distance parameters (for additions greater than 2.00 Dp. it is necessary to be rigorous. For lower additions, the criterion may be applied more flexibly).

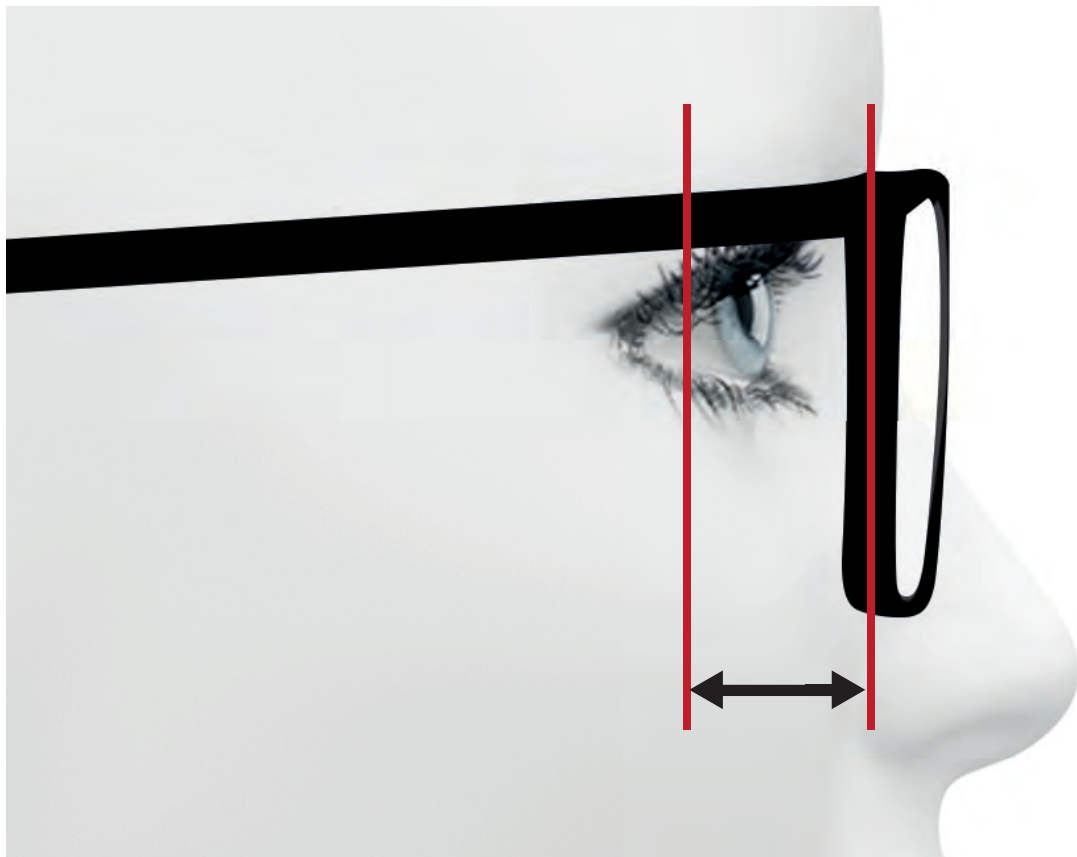
As a reference, we can also use this table for single vision lenses.

BENEFIT TO THE USER:

Clear and wide vision at all distances, regardless of corneal distance, thanks to the adjustment and arrangement of the distance, intermediate, and near vision zones, and the effective power of the lens.

GIROX VISION **CRO.**

In VIMAX Adaptative, VIMAX Master, VIMAX Infinity, VIMAX Fit Frm and VIMAX Definition, it is possible to specify the CRO data.

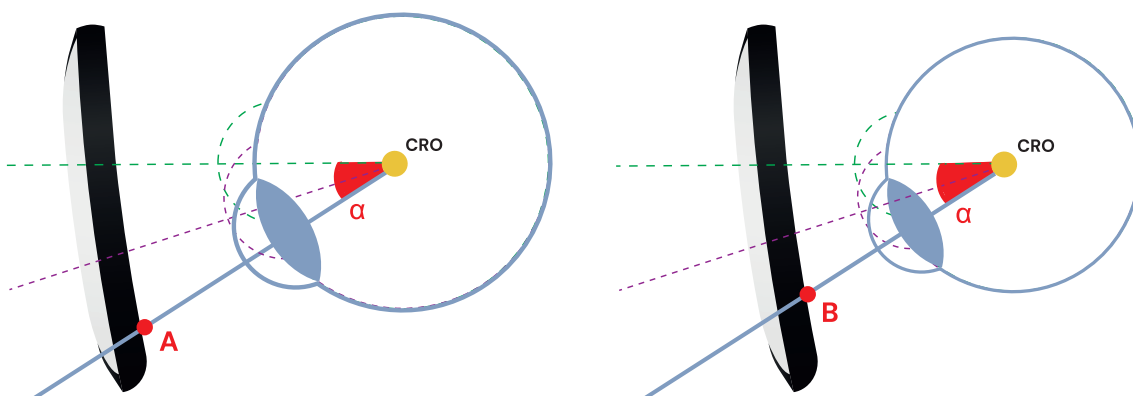


To explore the entire visual field, our eyes perform rotations. The point around which it is estimated that the eye performs these rotations is known as the **center of rotation of the eye (CRO)**.

We define **the chief image ray** as the one that starts from the object and reaches the fovea after refracting through the lens. Each **gaze direction** has an associated chief image ray. To achieve different gaze angles, the eye rotates while the lens remains stationary. Therefore, relative rotations occur between the eye and the lens, the axes of which we need to know. The CRO provides us with this information, as it is the point of intersection of all the chief rays.

Until now, all our free form designs have incorporated the position of the CRO in the calculation, in order to associate each point of the lens with a gaze direction and a chief image ray. In this way, we can study how the wavefronts associated with these rays change.

We now offer the optician the possibility, if known, to provide us with the actual data.



In the previous illustration, the three rays represent the same gaze directions in both figures. For the same gaze angle (α), due to the different position of the CRO, the intersection points with the lens vary (A and B). To ensure that the optical maps perceived by both eyes are identical, we modify the geometry of the lens for each particular case, depending on the distance to the CRO.

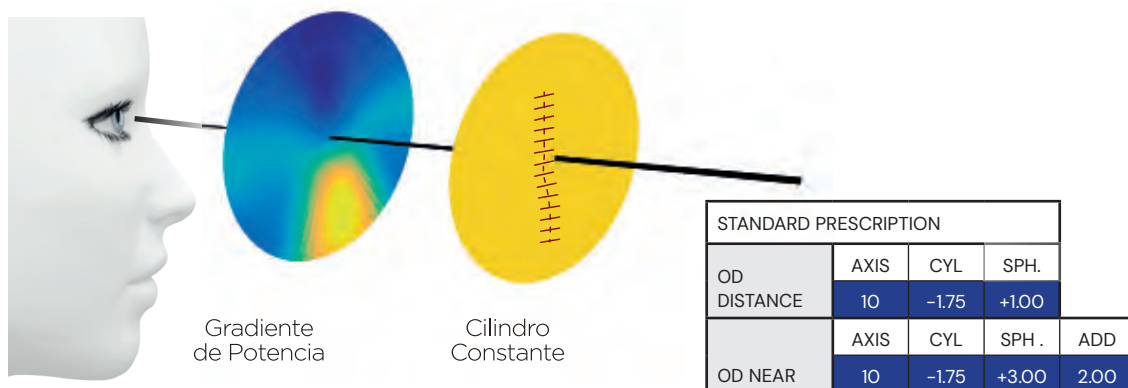
BENEFIT TO THE USER:

Adjustment of the visual fields, the arrangement of the distance, intermediate, and near vision zones, to preserve the lens design regardless of the distance to the center of rotation.

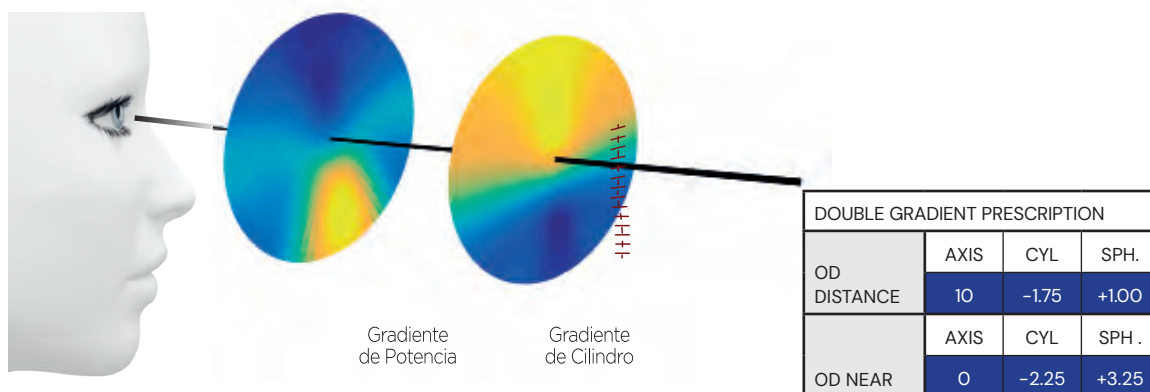
DOUBLE GRADIENT VISION ADAPT.

To the current surface calculated with a power gradient from the mounting cross to the near center, we add an additional calculation, studying astigmatism across the entire surface and creating a cylindrical gradient, so that astigmatism can be corrected zonally and thus improve visual quality.

The DOUBLE GRADIENT technology makes the calculation of astigmatism across the entire lens more precise, so a clear benefit is already obtained with the classic distance and addition prescription. However, if the optician also provides us with the distance and near refraction, evaluated independently, the maximum potential of the technology is achieved and, as a result, the maximum performance of the lenses. The technology is applied in VIMAX Adaptive, VIMAX Master, VIMAX Infinity, VIMAX Fit Frm and VIMAX Definition



The correction of refractive astigmatism must be combined with the correction of form astigmatism, which produces the change in spherical power, and with oblique astigmatism that is generated in any gaze direction other than the primary position.



The DOUBLE GRADIENT technology improves image quality in all gaze positions, due to a new, precise, and detailed calculation of astigmatism across the entire surface of the lens.

How are precise data obtained?

1 Determine the distance prescription



2 Measure near prescription:

- In trial frame (classic method)
- With Wave Front AI by PRATS (Multimodal platform)



3 PRATS applies the DOUBLE GRADIENT technology obtaining progressive lenses with a higher level of precision.

DOUBLE GRADIENT PRESCRIPTION			
OD	AXIS	CYL	SPH.
DISTANCE	10	-1.75	+1.00
	AXIS	CYL	SPH .
OD NEAR	0	-2.25	+3.25

DOUBLE GRADIENT PRESCRIPTION			
OI	AXIS	CYL	SPH.
DISTANCE	170	-2.25	+1.50
	AXIS	CYL	SPH .
OI NEAR	175	-2.75	+4.25

BENEFIT TO THE USER:

For users with astigmatism: increased visual acuity throughout the entire optical zone of the lens, from distance to near.

For users whose value and/or axis of astigmatism at near is different from that at distance: The patient in whom this difference has been detected, with Double Gradient, will be able to resolve poor visual quality and/or asthenopia during near tasks.

PRO VISION ADAPT.

With PRO VISION ADAPT technology, maximum lens performance is achieved through 3 optimizations: Visual habits (USE), Clinical inset (CLINIC), and Reading distance (READ).

PRO VISION USE.

PRO VISION USE is the optimization of the progressive design according to the user's actual visual use. Through Warp Technology Design®, we adapt the design to the user's characteristics and the specific use they will give to their lenses, according to the result of the Visual Balance Test.



The questionnaire generates four numerical values, called Visual Balances, which are directly integrated into the calculation of the lens design, controlling the distribution of fields and gradients of the progressive lens. The result is not a standard design, but a universal-use progressive lens adapted to the user's specific visual profile.

www.vimaxlens.com/vimaxmaster/cuestionario.html

The test is accessible from the website <https://www.VIMAXlens.com/universalvision> on the VIMAX Master page and also from the PRATS OnlineWeb ordering program.

THE 4 VISUAL BALANCES

- **USER BALANCE.**
Allows adjustment of the balance between a smooth design that maximizes ease of adaptation and a more defined design, suitable for experienced progressive lens users.
- **DYNAMIC BALANCE.**
Allows adjustment of the balance between a design with maximum sharpness and a design with minimal sway.
- **HALLWAY BALANCE.**
Allows adjustment of the balance between a design optimized for intensive and demanding computer use or activities requiring clear vision at intermediate distances, and a design adapted for occasional use at intermediate distance.
- **DIGITAL BALANCE.**
Allows adjustment of the balance between a design optimized for intensive and demanding use



CALCULATION RESULT

According to the combination of the four Visual Balances:

- The progressive lens always maintains universal use,
- But its performance can be shifted towards distance, intermediate, or near,
- Even coming functionally close to a sports design,
- Without replacing an occupational lens, which is intended for a very specific use

To understand the range of variation allowed, depending on the values chosen, it can functionally approach a sports-use progressive lens but not an occupational one, which has a very specific use.

GUIDE TO THE USE OF BALANCES.

If the prescriber wishes to manually enter the balances instead of completing the questionnaire, the following guide may be used.

USER	DYNAMIC	HALLWAY	DIGITAL	RESULT
0	0	1	1	Universal-use progressive lens, with priority on intermediate and near vision, with sufficient performance at distance (design tending towards an occupational lens).
0	0	0	0	Smooth universal-use progressive lens, balanced design, with a sensation of immediate adaptation and excellent comfort (In case of doubt, this is the safest option).
0	1	0	0	Universal-use progressive lens, good performance at all distances, with an especially wide field at distance. Prioritizes performance at distance, while maintaining adequate comfort.
1	1	0	0	Universal-use progressive lens, especially optimized for distance and with sufficient performance at near (design tending towards a sports lens).

All values between 0 and 1 are valid. Any intermediate value will generate a design weighted by that value.

RECOMMENDATIONS FOR THE VISUAL BALANCE TEST.

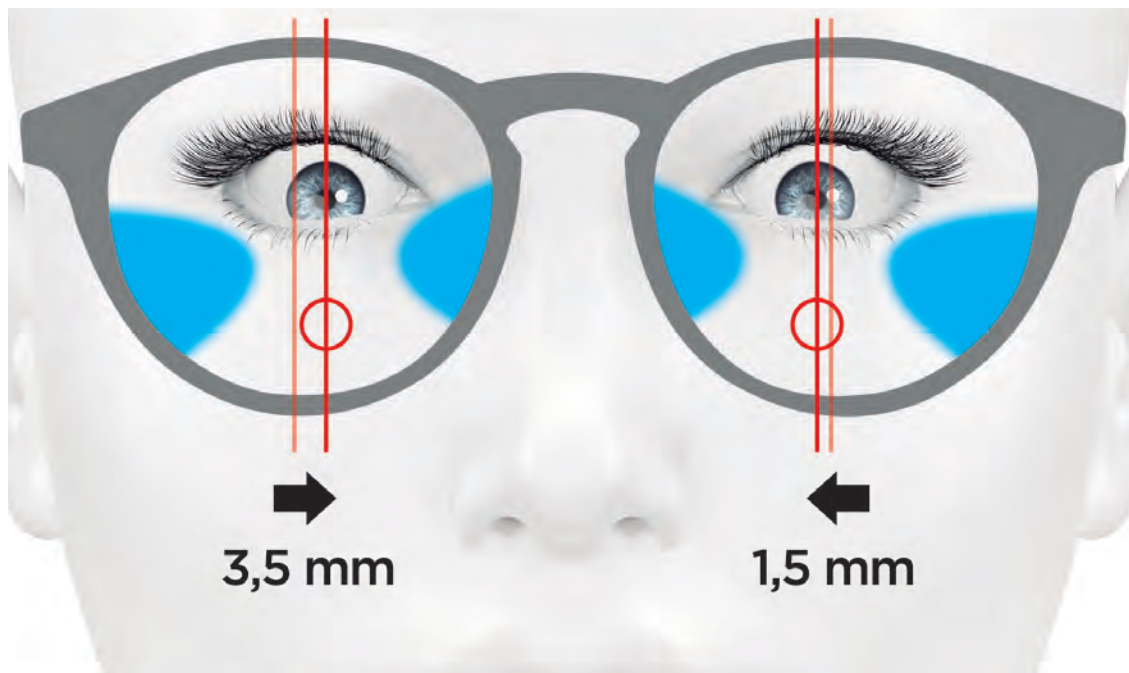
It is important to administer the test directly to the user, taking into account the use they will give to their lenses. For example, if the user spends a lot of time reading but with other glasses, it is not necessary to include this reading time in the test, since the user will not use these lenses for reading.

BENEFIT TO THE USER:

Maximum lens performance, taking into account the user's exact prescription and actively responding to their visual habits. Greater comfort, stability, and visual efficiency.

PRO VISION CLINIC.

PRO VISION CLINIC provides the optician with the possibility to prescribe the exact location for the near centers, even in cases of asymmetric convergence.

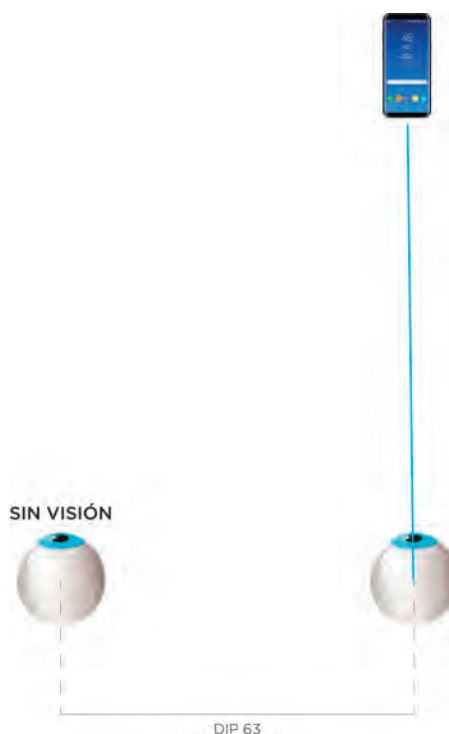


In the case shown in the image, the left eye does not converge in the same way as the right, and insets of 3.5 and 1.5 mm have been prescribed.

Indicated, for example, for cases of users without convergence ability and with monocular near vision.

In the diagram, we aimed to represent an individual with monocular vision and without convergence. In these cases, it often happens that the person positions the object to be observed in near vision aligned with the eye in which they have vision, without making a convergence movement.

Therefore, we should calculate the lens with an inset of 0 mm to favor the maximum width of the fields in the intermediate and near zones.



RECOMMENDATIONS FOR THE CLINICAL INSET.

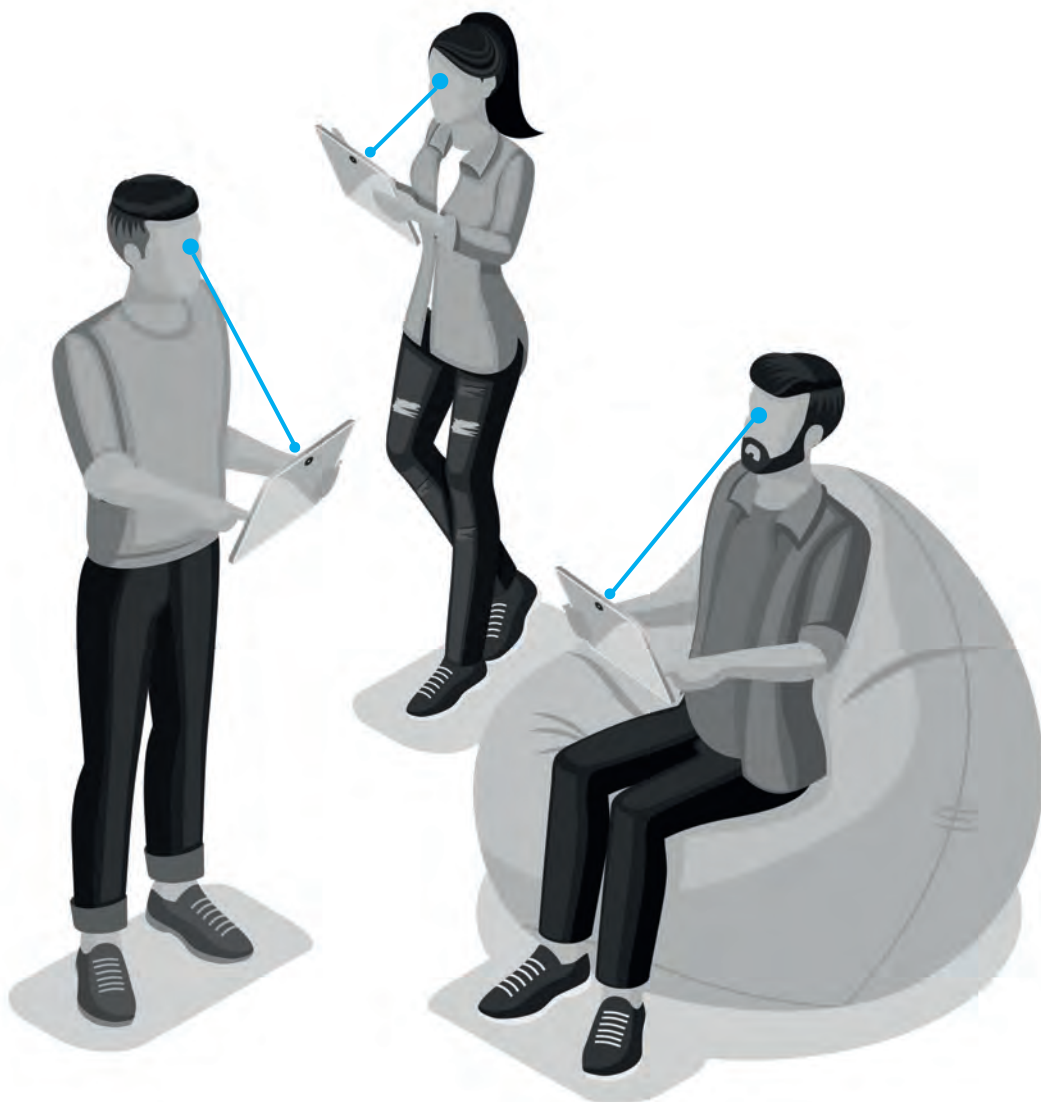
In the prescription of the clinical inset, incongruent values could be established. Thus, a prescription with an inset of around 1 mm in one eye and 4 mm in the other would be possible. However, it would not make sense to prescribe an inset of 0 in both eyes, as one eye would almost certainly not be used for near focusing.

BENEFIT TO THE USER:

Maximum performance of the intermediate and near vision fields, taking into account accommodation and convergence individually, and combining them binocularly.

PRO VISION READ.

PRO VISION READ performs a specific calculation for near vision based on the user's reading distance, thus avoiding uncomfortable postures while reading.



The reading distance is determined by the user themselves, positioning the reading test at the distance that is ergonomically comfortable for them.

ILLUSTRATION 1.

We observe the image of a person whose usual near work support is a mobile device, which implies a somewhat shorter distance than the one shown in illustration 2.

In this case, the usual near working distance is the distance to the work desk. The reading distance parameter may vary from one individual to another depending on their daily habits or simply on their height (Harmon distance).

ILLUSTRATION 2.**RECOMMENDATIONS FOR READING DISTANCE.**

It is advisable to measure the reading distance if this value falls outside the range of 33 to 40 cm.

BENEFIT TO THE USER:

Postural comfort and quality of near vision, at the usual reading distance specific to each individual.

DISTANCE FOCUS ADAPT.

DISTANCE FOCUS ADAPT constructs the specific object space, which associates a viewing distance to each gaze direction, for each particular case.

Advanced ophthalmic lenses, both single vision and progressive, are designed using ray tracing, simulating the real behavior of light under usage conditions. For this simulation to be accurate, it is essential to correctly define the object space, that is, the relationship between each gaze direction and the associated viewing distance.

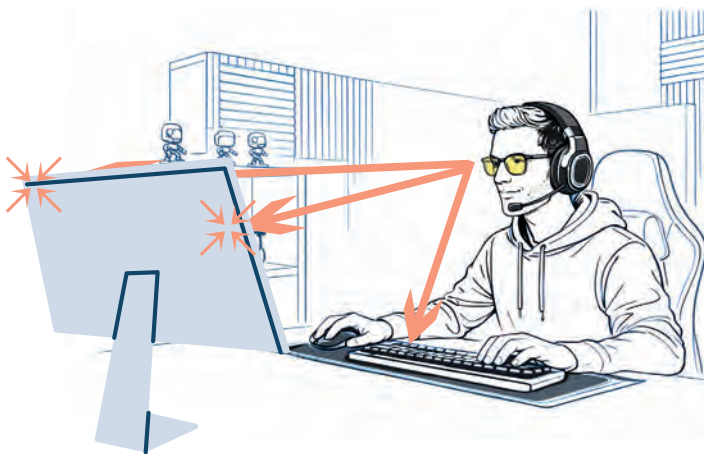
Progressive lenses, where each zone of the lens is optimized for a specific distance, are usually based on a standard object space, designed to cover a wide range of distances, from reading to distance vision. In single vision lenses, there is no unique assignment of distances, since any point can be used for different focuses. Therefore, current designs are usually based on predefined object spaces or weighted combinations, seeking a balance that provides good visual quality in multiple situations. In both cases, it is a generalist approach that works correctly for most users, but it involves a compromise: by distributing optimization among several distances, the maximum performance in specific scenarios is reduced.

DISTANCE FOCUS Adapt arises to solve this limitation, prioritizing the main usage distance and taking into account the range of distances for which the lens is designed. The object space is calculated individually, taking into account the user's specific distances provided by the optician, which allows for a more precise simulation of how they interact with their environment. In this way, performance is maximized, especially in the most demanding context.

UNIVERSAL USE: standard object spaces (Distance, intermediate, and near)



SPECIFIC USES: specific object spaces.



BENEFIT TO THE USER:

Maximum visual performance in the user's real environment

AI VISION ADAPT.

Artificial Intelligence at the service of personalized vision

The AI VISION ADAPT technology represents a qualitative leap in the design of progressive lenses, by incorporating Artificial Intelligence as the central axis of the calculation and customization process. Thanks to the use of Big Data and more than 20 years of accumulated experience, AI VISION ADAPT allows the design of each pair of lenses to be varied so that they adapt to each user's profile, integrating the specific data of each patient with advanced mass analysis models, achieving a precise and fully personalized adaptation for each user.

Thanks to the experience acquired over more than 20 years collecting information and analyzing the degree of success and satisfaction of the designs made, we have come to know the needs of each user.

The AI VISION ADAPT by PRATS, among many other data, considers

- That a patient close to emmetropia does not have the same visual needs as a moderate ametropic patient or one with high ametropia.
- That adaptation will vary for a user who maintains the addition versus a patient with a sudden increase.
- That visual behavior will vary from an experienced user to a first-time progressive lens user.
- That visual behavior will vary for a user whose previous progressive lens was short, long, or medium.
- The relationship between the width of the intermediate and the corridor length.
- The width of the intermediate and the value of the addition.



All this knowledge provides multiple variables and combinations. **The AI processes all these variables to calculate the best surface, unique for each user, also taking into account the patient's previous history** and thus guaranteeing the best adaptation to changes compared to their previous progressive lenses. Furthermore, for the first time, it will be taken into account whether the user will have a second pair of occupational lenses, as well as the degree of lens absorption, so that the lens design will be modified considering the main intended use.

BENEFIT TO THE USER:

High degree of overall user satisfaction, thanks to immediate adaptation, with a sense of naturalness from the very first moment, great comfort, and visual quality with the lens.

VIMAX ADAPTATIVE TOOL

Adaptative Tool is a web app developed to support the optical professional in the presentation and sales process of VIMAX ADAPTATIVE lenses, structuring and systematizing the collection of additional data necessary for lens calculation.

Through a guided workflow, it allows the registration, together with the user, of key information about their visual history, previous experience with progressive lenses, type of use, and specific needs—data that directly influence the final performance of the lens. All the information entered is automatically integrated into the online ordering platform becoming linked to the calculation process with Artificial Intelligence. In this way, Adaptative Tool ensures that the AI VISION ADAPT algorithms have a complete, coherent, and reliable dataset, optimizing the individual design of each pair of lenses and ensuring maximum precision, comfort, and visual quality for the end user.



TECHNOLOGIES SUMMARY

VISION ADAPT

PRATS optimization technologies.

In the attached tables, we summarize the technologies applied to PRATS advanced progressive and single vision lenses, classified according to their visual use.

		VIMAX ADAPTATIVE	VIMAX MASTER	VIMAX INFINITY	VIMAX DEFINITION	VIMAX FIT FRM	VIMAX FIT USR	VIMAX FIT USR XS	VIMAX CLASSIC	VIMAX INI	VIMAX PRIMO
GEO VISION ADAPT User Data	POWER Power	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CORRIDOR Variable Corridor	✓ (14 to 18)	✓ (14 to 18)	✓ (14 to 18)	✓ (14 to 18)	✓ (14 to 18)	✓ (14 to 18)	✓ (12 to 13.5)	✓ (14 to 18)	14 - 16 - 18	14 - 18
	CURVE Adapted Base Curve	✓	✓	✓	✓	✓	✓	✓	✓		
	INSET Variable inset	✓	✓	✓	✓	✓	✓	✓	✓	✓	
STEREO VISION ADAPT Binocularity in Anisometropia		✓	✓	✓	✓	✓	✓	✓	✓		
TRACK VISION ADAPT Natural Eye Movement		✓	✓	✓	✓	✓	✓	✓			
GIROX VISION ADAPT Frame Specifications	PANTOS Variable Pantoscopic Angle	✓	✓	✓	✓	✓	7°	7°	7°	7°	7°
	FACE Variable Facial Angle	✓	✓	✓	✓	✓	5°	5°	5°	5°	5°
	VERTEX Variable Vertex Distance	✓	✓	✓	✓	✓	13 mm	13 mm	13 mm	13 mm	13 mm
	CRO Variable Center of Rotation	✓	✓	✓	✓	✓					
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓	✓	✓	✓	✓					
PRO VISION ADAPT Maximum Precision Data	USE Visual Balance Tests		✓								
	CLINIC Clinical Inset	✓	✓	✓	✓	✓					
	READ Reading Distance	✓	✓	✓	✓	✓					
AI VISION ADAPT Artificial Intelligence		✓									

		VIMAX SCREEN	VIMAX OFFIPLUS	VIMAX DRIVE	VIMAX KIDS	VIMAX HIGH ADD	VIMAX MYOPES	VIMAX POWER	VIMAX SPORT	VIMAX GAMER
GEO VISION ADAPT User Data	POWER Power	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CORRIDOR Variable Corridor	14	14	15	12 - 13	18	✓ (14 to 18)	✓ (14 to 18)	✓ (14 to 18)	14
	CURVE Adapted Base Curve	✓	✓	✓	✓	✓	✓	✓	✓	✓
	INSET Variable inset	✓	✓	✓	✓	✓	✓	✓	✓	✓
STEREO VISION ADAPT Binocularity in Anisometropia		✓	✓	✓					✓	✓
TRACK VISION ADAPT Natural Eye Movement										
GIROX VISION ADAPT Frame Specifications	PANTOS Variable Pantoscopic A.	✓	✓	✓	6°	7°	7°	✓	✓	✓
	FACE Variable Facial Angle	✓	✓	✓	5°	5°	5°	✓	✓	✓
	VERTEX Variable vertex distance	13 mm	13 mm	✓	12 mm	13 mm	13 mm	13 mm	✓	13 mm
	CRO Variable Center of Rotation			✓					✓	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision										
PRO VISION ADAPT Maximum Precision Data	USE Visual Balance Tests									
	CLINIC Clinical Inset		✓							
	READ Reading Distance		✓							
	FAR Depth of field or working distance	variable 133 cm-10 meters								variable 0.6-3 meters
DISTANCE FOCUS ADAPT Object space optimization		✓	✓							✓

TECHNOLOGIES SUMMARY

VISION ADAPT

		NEO PRO	EVOLTA PRO
GEO VISION ADAPT User Data	POWER Power	✓	✓
	CURVE Base Curve Adapted	✓	✓
GIROX VISION ADAPT Frame Specifications	PANTOS Variable Pantoscopic Angle	✓	✓
	FACE Variable Facial Angle	✓	✓
	VERTEX Variable Vertex Distance	✓	✓
	CRO Variable Center of Rotation	✓	✓

		NEO RELAX PLUS	NEO RELAX KIDS	NEO PRO DRIVE	MYOPES	NEO PRO SPORT	EVOLTA PRO SPORT	NEO PRO GAMER
GEO VISION ADAPT User Data	POWER Power	✓	✓	✓	✓	✓	✓	✓
	CURVE Adapted Base Curve,	✓	✓	✓	✓	✓	✓	✓
GIROX VISION ADAPT Frame Specifications	PANTOS Variable Pantoscopic A.	7°	6°	✓	✓	✓	✓	✓
	FACE Variable Facial Angle	5°	5°	✓	✓	✓	✓	✓
	VERTEX Variable Vertex Distance	13 mm	12 mm	✓	13 mm	✓	✓	✓
	CRO Variable Center of Rotation			✓		✓	✓	✓
PRO VISION ADAPT Maximum Precision Data	FAR Depth of field or working distance							variable 0.6-3 meters
DISTANCE FOCUS ADAPT Object space optimization								✓

MYOP KIDS

DCMO TECHNOLOGY Defocus of Composite Multi Optical-Microlens	✓
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DEFOCUS KIDS

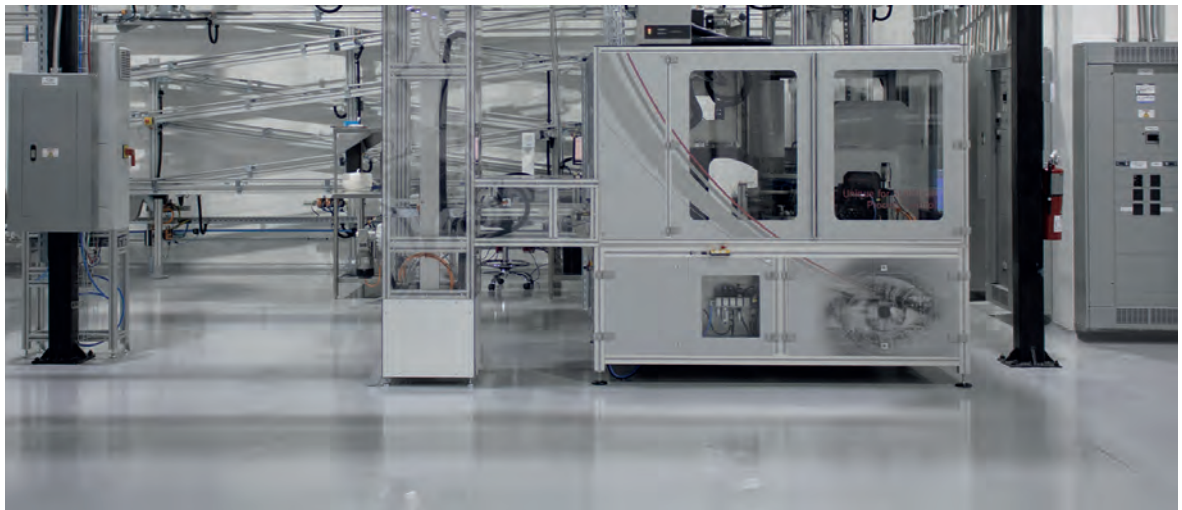
DEFOCUS TECHNOLOGY Defocus technology by PRATS	✓
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PRODUCTION TECHNOLOGIES

Manufacturing for Maximum Adaptability.

Advanced design lenses intended to offer MAXIMUM ADAPTABILITY are only truly effective if they are manufactured with the appropriate technology.

At PRATS, we have state-of-the-art machinery and cutting-edge processes to create the ideal lenses for each user with full quality assurance. With this objective, at PRATS manufacturing plants we have the following technologies:



UNIQUE CALCULATION TECH.

We individually calculate each pair of lenses at the moment we receive the order. In this way, we configure the lens design according to the principle of Maximum Adaptability.

This real-time calculation allows us to design lenses tailored to the individual parameters of each user, optimizing the design for each of the surfaced prescriptions, without relying on predefined surfaces.

Freeing ourselves from pre-fabricated designs allows us to incorporate into the calculation such specific data as the PD of each individual, the data of the selected frame, and we can even include visual usability data.

The result of applying UNIQUE CALCULATION TECH. to all our lenses is the perfect configuration and placement of the optimal vision areas, adapted to the user's physiognomy and needs.

UNIQUE FREE TECH.

We manufacture with *FREEFORM* technology, 100% carved on the inner surface, through a fully computerized and robotized process, which allows us to guarantee maximum adaptability in all our lenses.

We have production plants equipped with state-of-the-art machinery and robotic technology, which allows us to be pioneers in the manufacture of high-precision lenses.

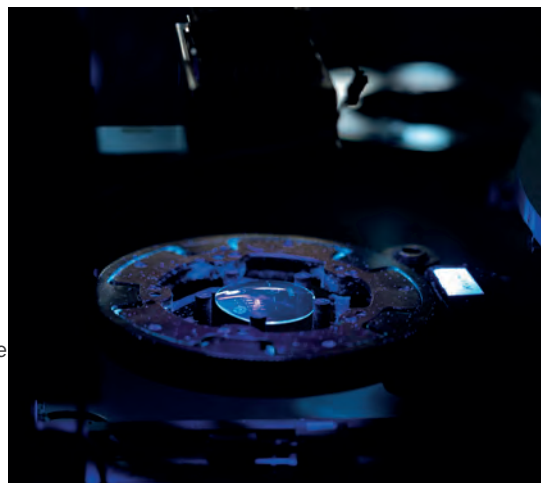
The *FREEFORM* surfacing, 100% on the concave side, provides maximum precision to the manufactured optical surface, resulting in optimal image quality and maximum stability.



UNIQUE CONTROL TECH.

We control each lens through artificial vision and compare the actual design of the produced lens with the calculated mapping design, thus detecting any deviation, no matter how small. This is more than a simple prescription check; it is a verification of the internal structure of the lens.

Only when working in real time, calculating the progressive surface at the moment, is it possible to have an ideal objective mapping. This ideal, calculated beforehand before starting the manufacturing process, is what will serve to verify whether the manufactured lens ultimately fulfills its purpose across the entire surface.



100% of our *FREEFORM* manufactured lenses are analyzed with this exclusive control system. The analysis is carried out simultaneously across the entire surface of the lens, thus controlling, in addition to the prescription, the distribution of peripheral aberrations, which enables us to guarantee optimal vision across the entire surface of the lens.





TECHNICAL INFORMATION

PHOTOCHROM

HOW PHOTOCHROMISM WORKS

Photochromic molecules, under normal conditions, have a "folded" shape that makes them transparent. When they absorb ultraviolet light, their shape changes, the molecular structure opens, and they begin to absorb visible light. Both forms coexist in equilibrium through a bond that is continuously broken and rebuilt.

The number of molecules during the dark state depends on the amount of UV light present in the environment and other factors such as temperature. With significant levels of UV light, most molecules will remain open; therefore, the lens will be darker. If there is no exposure to UV light, the molecules remain closed; therefore, the lens will be transparent.



EXTERIORES: OSCURAS



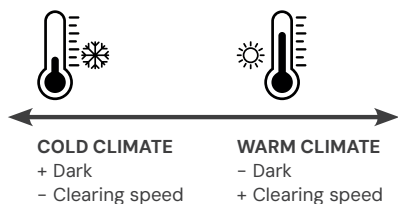
INTERIORES: TRANSPARENTES

UV LIGHT BLOCKING.

Photochrom lenses block 100% of UVA and UVB light up to 400 nanometers.

BLUE LIGHT FILTER.

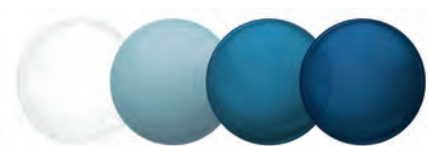
Photochrom lenses that are activated by light provide an almost instantaneous and highly effective darkening for filtering visible light, including blue light. The percentage of high-energy light (400 to 420 nm) filtered by Photochrom lenses in a transparent state is 80% for grey and 60% for brown; and when they are dark, grey filters 91% and brown 90% of this range of the spectrum. Additionally, in the active state they also filter 89% of radiation between 425 and 450 nm.



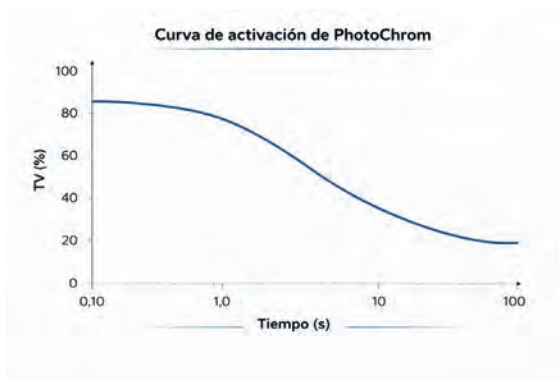
TEMPERATURE.

Temperature affects any photochromic lens. In cold climates, photochromic lenses darken more and take longer to clear. In warm climates, they do not darken as much and clear more quickly. This is a characteristic inherent to the equilibrium state in a photochromic system. Photochrom lenses stand out for their performance at high temperatures.

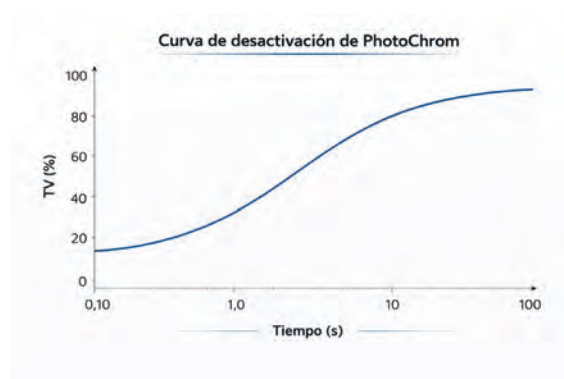
PHOTOCHROM SHADES



GRAPHS



In 16 seconds, they reach filter category 2



In 1.5 min. they are practically deactivated

BENEFITS

- Completely transparent.
- Darkening speed: seconds*.
- Clearing time less than 3 minutes*.

* Measured at 555 nm at 23° C using ISO 8980-3: 2013/ ANSI Z80.3 2015.

TRANSITIONS: XTRACTIVE

THE DARKEST IN THE CAR

Transitions® XTRActive® lenses use exclusive broad-spectrum dyes to absorb visible light and **activate behind the windshield** of a vehicle, depending on the light intensity. The lenses of the new generation of Transitions XTRActive are the **darkest photochromic lenses that activate inside vehicles and the only ones that achieve category 2 darkness levels.***

* Polycarbonate lenses and grey lenses with 1.50 index tested at 23°C behind the windshield achieving a maximum absorption of 57%

THE DARKEST LENSES AT HIGH TEMPERATURES

Transitions® XTRActive® lenses, specially designed for intense bright lighting, achieve their maximum degree of darkness at moderate temperatures.

They are the darkest at high temperatures, as they are the only photochromic lenses that reach category 3 darkness levels at elevated temperatures.**

The degree of darkness is optimized so that they can be used in all lighting conditions.

Like other Transitions lenses, they block 100% of UVA and UVB rays.

** Category of photochromic lenses from clear to extra dark. Tests on grey lenses in polycarbonate and 1.50 at 35°C, reaching <18% T using the standard test method of Transitions Optical.

BETTER PROTECTION AGAINST BLUE-VIOLET LIGHT

Transitions® XTRActive® New Generation lenses filter up to 7 times more blue-violet light than clear lenses indoors, and block up to 86% of blue-violet light outdoors*. They are extra dark in sunlight to offer you the best protection against blue-violet light in any lighting situation**

* Transitions® Signature® GEN 8™ lenses filter up to 26% of blue-violet light indoors and up to 86% outdoors. The tests were carried out with grey CR39 and polycarbonate lenses with high-quality anti-reflective coating. Blue-violet light is calculated between 400 nm and 455 nm (according to ISO TR 20772:2018).

** Protection against harmful blue light (380 nm–460 nm) that blocks:

- up to 34% indoors at 23°C
- up to 64% behind the windshield
- up to 90% outdoors at 23°C
- up to 83% outdoors at 35°C,

in polycarbonate lenses and grey lenses of 1.5 in the photochromic category from clear to extra dark, using the standard analysis method of Transitions Optical.



NOTE:

The maximum absorption achieved by Transitions® XTRActive® NG with a 1.6 index, inside the vehicle, is **50% behind the windshield**, at a temperature of 23°C*.

*Data provided by Transitions Optical.

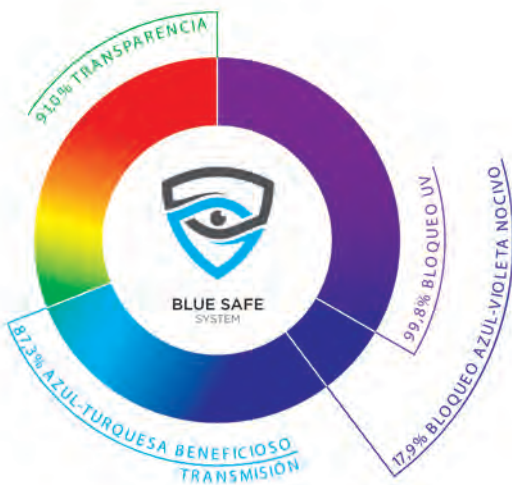
BLUE LIGHT PROTECTION

BLUE SAFE SYSTEM

Balanced protection against toxic light.



BLUE SAFE SYSTEM is the new material that achieves the ideal balance of eye protection against the harmful part of light, while allowing the beneficial range to pass through, maintaining maximum lens transparency.



BLUE SAFE SYSTEM Chart.

The four action points of BLUE SAFE SYSTEM.

It blocks UV rays up to 410nm, eliminating UV radiation and the first wavelengths of the visible spectrum, which have higher energy.

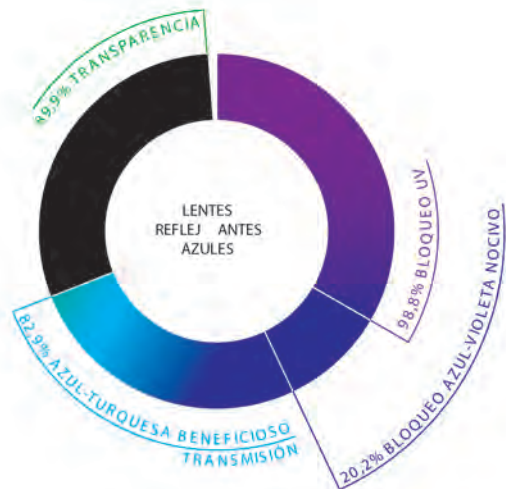
It blocks part of the high-energy blues, which are harmful to ocular health.

It transmits the maximum in the blue-turquoise zone, which is beneficial for the body.

It achieves maximum transparency and protection without resorting to undesirable reflections on the lens surface.

Other types of harmful ray blocking systems, such as blue reflectors, have proven to be less effective in blocking UV rays and, furthermore, excessively reduce the transmission of the beneficial blue-turquoise spectrum.

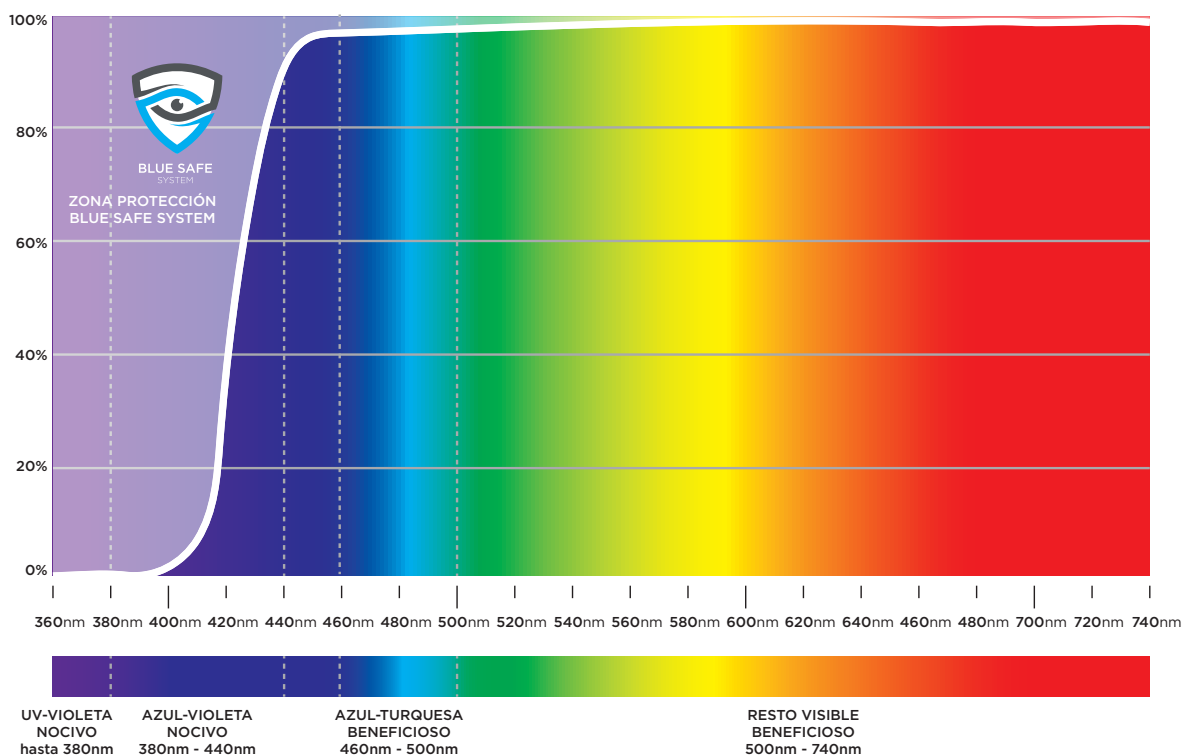
For this reason, BLUE SAFE SYSTEM is presented as 100% balanced protection against toxic light.



Blue Reflector System Chart.

Various systems have been implemented to protect the eye from harmful radiation. However, some of them may interfere with the area of the light spectrum that is indeed beneficial.

From 450nm onwards, we find the blue-turquoise zone. Blue-turquoise light is beneficial for the body for various reasons; it helps synchronize circadian rhythms (the control of sleep-wake cycles according to those of nature), can influence mood, potentially even improving our performance, and also plays an important role in the induced pupillary reflex, helping to protect the eye from excessive light.



CSR

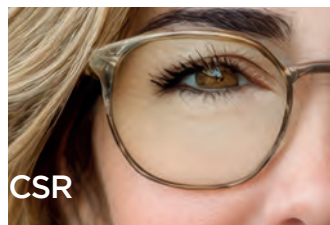
Lenses with CSR replicate the natural protection process of the visual system, imitating the function of a pigment found inside the eye, in the retina and the crystalline lens, naturally protecting it.

The continuous use of CSR lenses provides the user with greater comfort, better contrast, and less visual fatigue in the short term; in the long term, it prevents damage to the retina caused by the harmful part of light.

CSR QUARZ LENSES

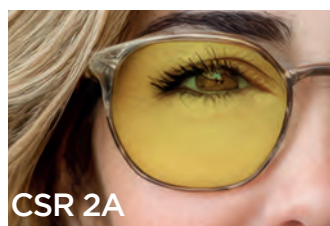
CSR lenses are recommended for all uses and all ages to keep the eyes permanently protected against the toxic effects of light.

CSR lenses are especially indicated for working indoors while surrounded by artificial light sources. (Computers, televisions, tablets, LED lights, video game consoles, smartphones...)



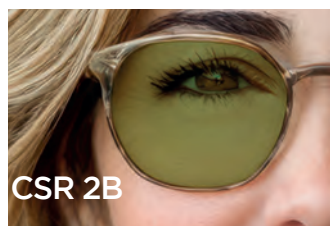
CSR 2A QUARZ LENSES

Second-level CSR lenses, called CSR 2A, have medium absorption as well as a preventive function, and are indicated for the protection of more sensitive retinas.



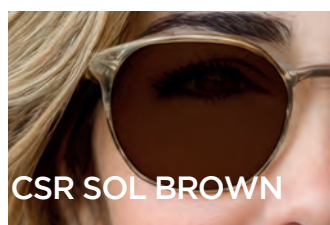
CSR 2B QUARZ LENSES

Third-level CSR lenses, called CSR 2B, are distinguished by greater light attenuation, being of a darker shade. In addition to a preventive function, they are indicated for the protection of more light-sensitive retinas, and/or in situations of more intense brightness.



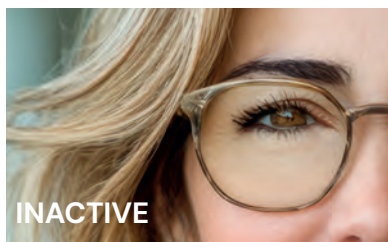
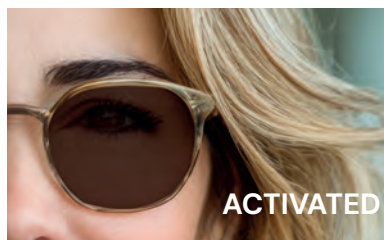
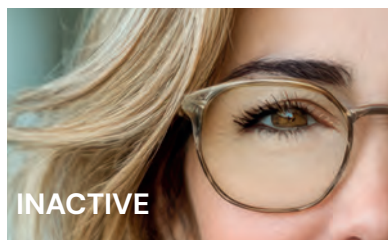
CSR SOL QUARZ LENSES

CSR SOL QUARZ lenses are the optimal solution for prescription sunglasses. They are particularly designed to partially block the most harmful radiations from sunlight and its reflection. Furthermore, they attenuate light intensity in the most appropriate way, allowing maximum protection with the greatest visibility, even on cloudy days.



CSR IN PHOTOCROM LENSES

Photochromic lens with CSR filter: integrates **photochromic adaptation and spectral optimization** to selectively reduce the transmission of high-energy visible blue light.



QUARZ BLUE ^{uv}

The **Quarz Blue anti-reflective treatment** has been developed to meet current visual demands, in which continuous exposure to digital screens and LED light sources has become constant. Its technology works by selectively reflecting part of the high-energy blue light, considered potentially harmful to ocular health, without altering the transmission of the rest of the visible spectrum. In this way, a more comfortable, clear, and contrasted vision is achieved, reducing the sensation of visual fatigue associated with prolonged use of electronic devices, both in work and domestic environments.

Furthermore, as part of the Quarz family, it incorporates excellent hardened and hydrophobic properties, making cleaning easier and ensuring high durability of the treatment.



WORK LENSES

VIMAX OFFIPLUS

VIMAX Offiplus was created to meet the new visual demands of today's work environment. A range of occupational progressive lenses designed to optimize vision in workspaces, where precision, comfort, and ergonomics are key.

Within the VIMAX Offiplus design, two variants —Balance and PC— are integrated, expanding customization possibilities and allowing for more precise adaptation to each user's visual needs and the specific demands of their work environment.

VIMAX Offiplus **Balance**

Visual flexibility for a dynamic work environment

VIMAX Offiplus Balance is an ideal occupational progressive for working in dynamic, multitasking environments, where vision naturally alternates between different areas of the workspace, with objects, information, and/or people located at different distances. Its design offers an optimal balance between width and depth of field, smoothly adapting to the various visual situations that arise throughout the workday.



OPTIMIZED VIEWING DISTANCES

VIMAX Offiplus Balance optimizes near and intermediate vision, incorporating a variable depth of field that can be customized from 1.33 to 10 meters. This allows comfortable viewing not only of the workstation but also the surroundings, up to the defined distance, providing greater freedom of movement within the work environment.

FIELD OF VISION

The design of VIMAX Offiplus Balance provides a wide and comfortable field of vision at intermediate and near distances. It allows the ideal balance between width and depth of field to be established for each case, depending on the user's priorities, so that the lower the defined depth of field, the greater the width.

POSTURE AND COMFORT

Thanks to its design and power distribution, VIMAX Offiplus Balance allows for a relaxed posture in the work environment, reducing repetitive head and neck movements. This results in a more comfortable and less fatiguing visual experience throughout the day.

VIMAX Offiplus PC

Advanced visual comfort for intensive screen use

VIMAX Offiplus PC is an occupational progressive lens optimized for people who spend many hours in front of one or more monitors. It combines excellent intermediate vision with an adaptable depth of field, offering a stable, clear, and ergonomic visual experience during long workdays.



OPTIMIZED VIEWING DISTANCES

VIMAX Offiplus PC optimizes near and intermediate vision, with a variable depth of field between 1.33 and 10 meters, customizable according to the user's needs. This allows comfortable work in front of monitors and, at the same time, provides functional vision beyond the desk.

FIELD OF VISION

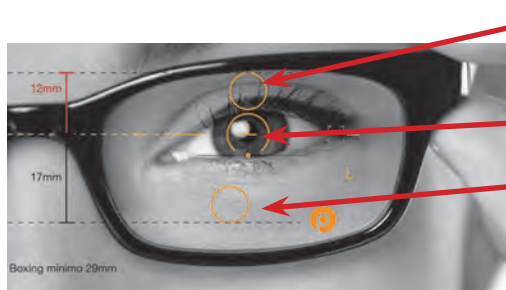
The design of VIMAX Offiplus PC stands out for its wide intermediate vision area, especially designed for the use of one or more monitors. It is the VIMAX design that offers the greatest field of view at the usual working distance with monitors.

The field of view will vary depending on the defined depth.

POSTURE AND COMFORT

VIMAX Offiplus PC promotes a more natural and ergonomic posture, reducing tension in the neck and shoulders. Furthermore, compared to universal progressive designs, it helps to minimize eye fatigue and visual tiredness associated with prolonged screen use, improving overall well-being at the end of the day.

The distribution of powers in VIMAX OFFIPLUS is carried out as detailed below:



DR: prescription for viewing at the distance defined as depth of field

PUP: prescription for viewing at the intermediate distance

NR: prescription for viewing at near distance.

PUP: Pupil

DR: Distance Reference

NR: Near Reference

Addition table at the defined points (DR and PUP) according to addition and depth value.

			WORK PROGRESSIVE ADDITION TABLE			
			Depth of field (meters)			
			1.33 m	2.00 m	4.00 m	10.00 m
ADDITION	1.50 Dp	DR	0,75	0,50	0,25	0,10
		PUP	1,09	0,95	0,83	0,75
	2.00 Dp	DR	0,75	0,50	0,25	0,10
		PUP	1,26	1,14	1,05	0,98
	2.50 Dp	DR	0,75	0,50	0,25	0,10
		PUP	1,43	1,36	1,30	1,23
	3.00 Dp	DR	0,75	0,50	0,25	0,10
		PUP	1,65	1,59	1,52	1,44

VIMAX Offiplus: Variable depth of field from 1.33 to 10 m.

Degression table at the defined points (DR and PUP) according to addition and depth value.

			WORK PROGRESSIVE DEGRESSION TABLE			
			Depth of field (meters)			
			1.33 m	2.00 m	4.00 m	10.00 m
ADDITION	1.50 Dp	DR	0,75	1,00	1,25	1,40
		PUP	0,41	0,55	0,67	0,75
	2.00 Dp	DR	1,25	1,50	1,75	1,90
		PUP	0,74	0,86	0,95	1,02
	2.50 Dp	DR	1,75	2,00	2,25	2,40
		PUP	1,07	1,14	1,20	1,27
	3.00 Dp	DR	2,25	2,50	2,75	2,90
		PUP	1,35	1,41	1,48	1,56

VIMAX Offiplus: Variable depth of field from 1.33 to 10 m.

VIMAX SCREEN

Precise and stable vision for focused work.

Occupational progressive lens designed for people who perform highly static work focused on a specific visual area, such as prolonged use of one or more computers, reading, or high-precision tasks. Designed for environments where vision is mainly maintained at near and intermediate distances.



OPTIMIZED VIEWING DISTANCES

VIMAX Screen optimizes vision from 40 cm up to a set distance, to be determined within the range of 60 cm to 1 meter. By concentrating all visual power within this range, it provides a very wide field of vision at the defined distance, as well as a large field for near vision, making it ideal for prolonged tasks at very limited distances, where a wide field of view is required.

FIELD OF VISION

VIMAX Screen provides a wide and uniform field of vision at the defined working distance. This allows comfortable work, without blurry areas or loss of sharpness, at that distance, promoting a more natural and efficient vision.

POSTURE AND COMFORT

By providing clear vision without the need to move the head to find the correct focus, VIMAX Screen helps maintain a natural posture of the neck and back.

WORK

PROGRESSIVE LENSES

COMPARISON

VIMAX Offiplus **Balance**

Visual flexibility for a dynamic work environment

VIMAX Offiplus Balance is an occupational progressive lens ideal for working in dynamic and multitasking environments, where vision naturally alternates between different areas of the workspace, with objects, information, and/or people located at different distances. Its design offers an optimal balance between width and depth of field, smoothly adapting to the various visual situations that arise throughout the workday.



VIMAX OFFIPLUS **Balance**



VIMAX Offiplus **PC**

Advanced visual comfort for intensive screen use

VIMAX Offiplus PC is an occupational progressive lens optimized for people who spend many hours in front of a monitor. It combines excellent intermediate vision with an adaptable depth of field, offering a stable, clear, and ergonomic visual experience during long workdays.



VIMAX **SCREEN**

Precise and stable vision for focused tasks.

Occupational progressive lens designed for people who perform highly static tasks focused on a specific visual area, such as prolonged use of one or more computers, reading, or high-precision tasks. Designed for environments where vision is maintained mainly at near and intermediate distances.



WORK LENSES TABLE

	VIMAX OFFIPLUS	
	BALANCE	PC
Indicated for:	Dynamic offices, multitasking, shared spaces	Prolonged work in front of monitors: design, office, analysis
User profile	Intermediate, multitasking with visual alternation , with the option to occasionally see beyond	Mainly in front of monitors , with the option to occasionally see beyond
Field of view	Balance between depth and width, smoother transition than PC	Greater width in intermediate vision (monitors) than the Balance design
Competitive advantage	Versatility and comfort in intermediate work ranges	Greater visual performance for tasks with monitors
Range of vision	Near – Intermediate with depth	
Customization	The desired maximum depth is defined	
Depth of field	Variable between 1.33 and 10 m	
Working distance	70 cm	
Does depth affect width?	Yes; the greater the depth, the smaller the width in the main area	
Distant vision (beyond working distance)	Functional , up to the requested depth of field	
Calculation in position of use.	Variable	

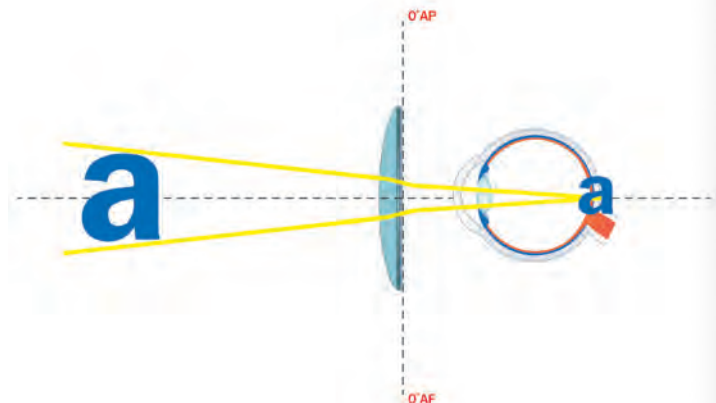
	VIMAX SCREEN
Indicated for:	Static work, in a very limited environment
User profile	Very static , task focused on a specific visual area
Field of view	Maximum width at the working distance
Competitive advantage	Extreme specialization at a single distance
Range of vision	Near – Intermediate
Customization	The working distance is defined
Depth of field	–
Working distance	Variable between 60 cm and 1 m
Does depth affect width?	No; the field is always maximum at the set distance
Distant vision (beyond working distance)	Not required
Calculation in position of use.	Variable

PRO DESIGN in single vision lenses

The precision in visual correction depends not only on the patient's prescription, but also on the **position of the lens in front of the eye** and the consideration of the eye's natural movements.

Usually, the prescription is obtained based on refraction room parameters; however, generally, the **actual usage position of the lens** differs from these parameters. As a consequence, aberrations will occur that will affect the quality of vision.

The **diagram 1** represents the optical system generated in the refraction room with a trial lens. Under these ideal refraction room conditions, perfect vision is achieved through the optical center of the selected lens.



If the lens wearing position differs from the refraction position, as occurs in **diagram 2**, an error will occur, which will be greater the higher the lens power and/or the greater the difference between the refraction room parameters and the actual usage position (face angle, pantoscopic angle, etc.).

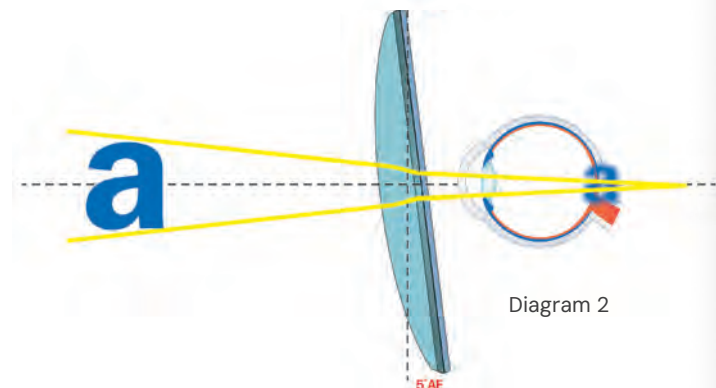


Diagram 2

If, in addition, there is a rotation of the eye to observe objects outside the primary gaze position, as shown in **diagram 3**, the received image will be affected by different aberrations: mainly oblique astigmatism and power error.

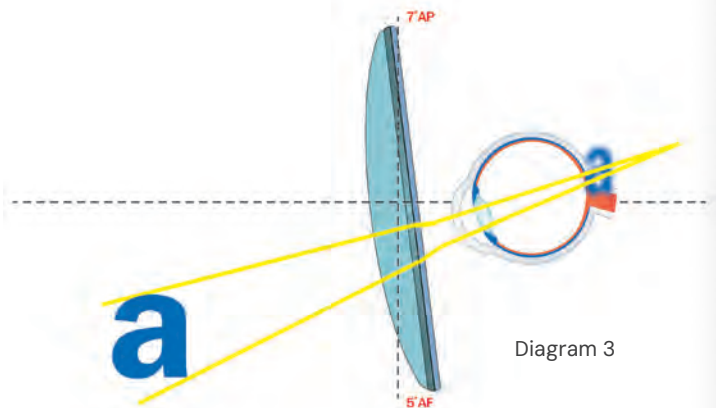


Diagram 3

NEO AND EVOLTA PRO

The solution when the actual usage position does not match that of the refraction room and/or the gaze direction is not limited to the primary gaze direction, is provided by the PRO design.

The NEO PRO and EVOLTA PRO single vision lenses are calculated point by point, taking into account the different parameters of the actual usage position of the lens in each particular case, and considering the different gaze directions and object distances across the entire surface of the lens. The result is optimal vision quality in any gaze position, for any prescription and with any frame.

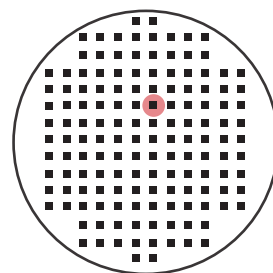
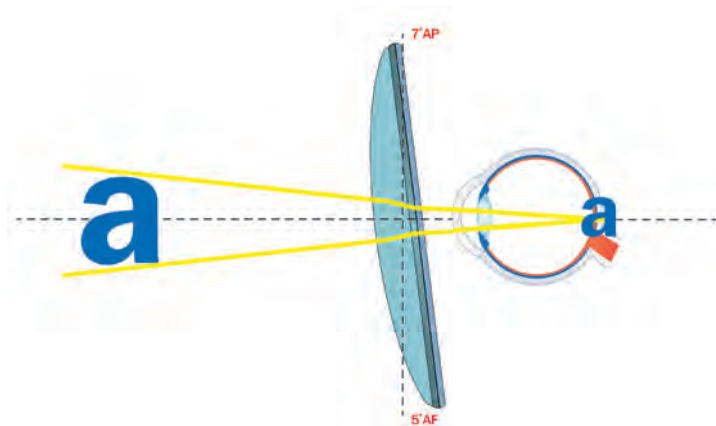


Diagram - example of optimization points on the lens surface.

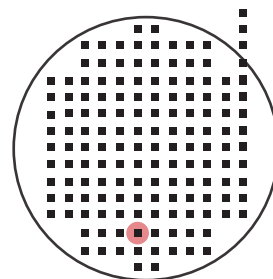
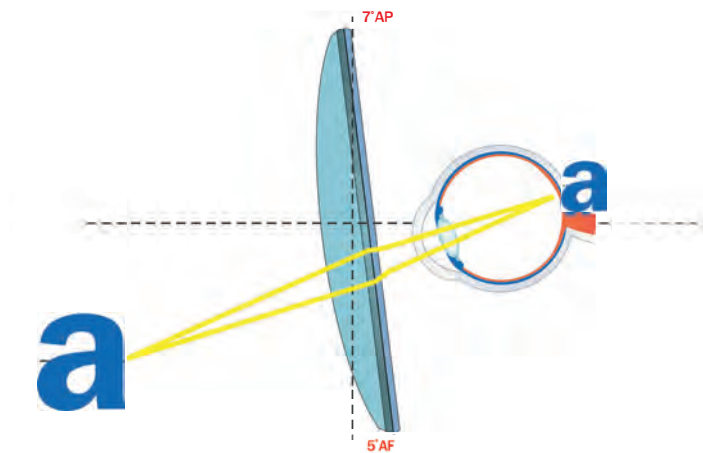


Diagram - example of optimization points on the lens surface.



In the design of an Evolta Pro lens, in addition to the calculation described above, a facet is incorporated to optimize lens thickness.

A-TORIC



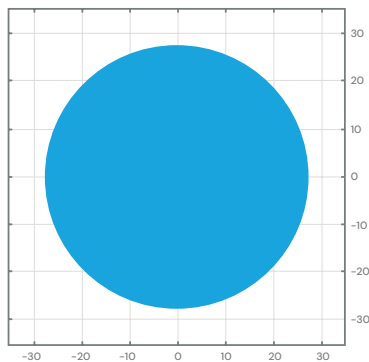
SINGLE VISION A-TORIC LAB

Greater aesthetics and visual acuity.

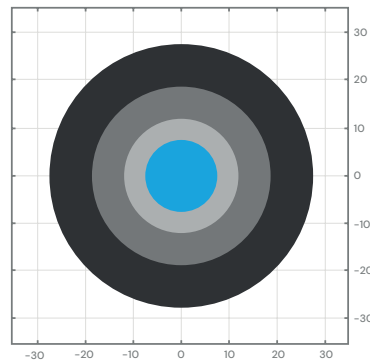
What users need

Conventional **sphero-toric single vision lenses**, in general, cannot offer both optical quality and aesthetics simultaneously; therefore, it becomes essential to choose one of the two options.

Aspheric lenses are generally flatter and thinner than conventional single vision lenses, especially in positive prescriptions. They consist of an aspheric convex surface (with rotational symmetry), while keeping the concave side spherical or toric. However, they are not the ideal solution for all cases, especially when the prescription includes astigmatism.



Map of VA spherical single vision +5D; convex base 10; blue color: high visual acuity (clear vision)

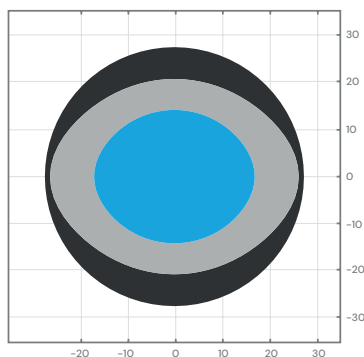


Single Vision spherical VA map +5D; convex base 5.25; grey color: low visual acuity (blurred vision)

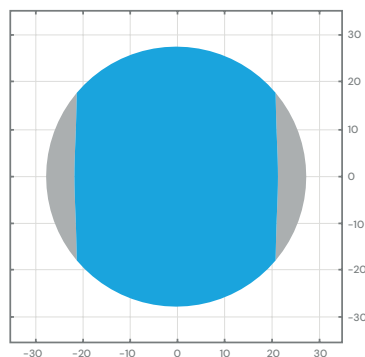
The appropriate solution

The new Single Vision A-TORIC consists of a spherical convex surface and an atoric concave surface, designed point by point.

The atoricity is calculated individually for each prescription and, in the case of astigmatism, the necessary atoricity is calculated for each axis, so that not only is the power optimized along the two axes of symmetry, but across the entire surface of the lens.



Single Vision aspheric VA map – sph +5D cyl –2D



Single Vision A-TORIC VA map – sph +5D cyl –2D

The calculation of the new single vision A-TORIC substantially improves visual acuity across the entire lens, even for prescriptions with astigmatism. At the same time, it improves aesthetics compared to a conventional single vision lens.

The technology

Freeform technology allows for the shaping of atoric surfaces on the concave side of the lens and, furthermore, A-TORIC does so for each specific prescription.

This higher level of customization unique to A-TORIC offers multiple advantages:

- Allows **the incorporation of decentrations**, achieving larger useful diameters.
- Ensures a **visual acuity map independent** of the chosen convex base, which does not occur with conventional single vision or aspheric lenses.
- Provides great **freedom in the choice of bases** (as a consequence of the previous point).
- Automatically integrates a calculation of the optimal centering that **partially compensates for the aberrations** introduced by the facial and pantoscopic angles.

Centering of the lenses

Unlike other atoric lenses on the market, A-TORIC integrates into its calculation an **automatic centering rule** that partially corrects the effect of the facial and pantoscopic angles*. Therefore, with A-TORIC, no manual centering rule should be applied; the lens must be centered at the point indicated by the laser marks and pad printing.

Furthermore, the correction is shaped onto the lens without generating an undesired prism at the centering point, as occurs when applying manual centering rules. This compensation **improves monocular VA maps and favors binocular vision**, thanks to the reduction of prismatic and power differences for gaze angles outside the primary position.

*Facial and pantoscopic values of 5 and 7°, respectively.



A-TORIC is positioned ahead of other concave atoric lenses equipped with manual centration rules, which are only able to take the pantoscopic angle into account and, moreover, may generate prismatic differences.

XPEDIT A-TORIC 1.6 BSS XMAX



A next-level stock lens.

The new **Xpedit 1.6 BSS Xmax single vision** significantly improves peripheral visual acuity compared to conventional stock spherotoric and aspheric single vision.

Conventional stock spherotoric lenses offer good central vision quality; however, in the periphery they create oblique power errors, thus limiting visual acuity.

Stock aspheric lenses partially compensate for oblique errors, thus improving peripheral visual acuity, but in the case of astigmatism, it is impossible to achieve an optimal result for both meridians simultaneously.

In the new **Xpedit 1.6 BSS Xmax single vision**, the power varies along each main meridian in a different and optimized way for the specific power of each one. Each main meridian has an optimal asphericity profile.

Other benefits of XPEDIT ATORIC 1.6 BSS XMAX

- Aesthetics; thinner lenses than with conventional spherotoric designs.
- Protection
 - Total protection against UV
 - Absorption of part of blue light
- Transparency
- High-performance anti-reflective coating:
 - Transparency
 - Extra hardness
 - Easy cleaning

FEATURES SINGLE VISION

	SPHERO-TORIC SINGLE VISION	ASPHERIC SINGLE VISION	A-TORIC	NEO PRO
Optical quality in flat convex bases	X	✓	✓	✓
Flattening and reduction of thicknesses	X	✓	✓	✓
Provides an optically advanced solution for high hypermetropia	X	✓	✓	✓
Change of convex base without affecting the optical design (adapts to any frame)	X	X	✓	✓
The atoricity is specifically optimized for each case	X	X	✓	✓
The atoricity is adjusted for each axis in prescriptions with cylinder	X	X	✓	✓
Allows decentrations	✓	X	✓	✓
Calculated in real usage position (and therefore asymmetric to compensate for facial and pantoscopic angles)	X	X	X	✓
Supplied with double reading	no	no	no	yes

MONOFOCAL ESTÁNDAR



A-TORIC



NEO PRO *freeform*

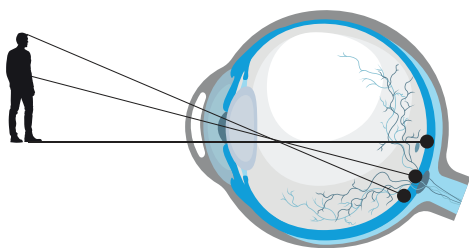


MYOPIA MANAGEMENT

BASIC THEORY OF OPTOMETRY

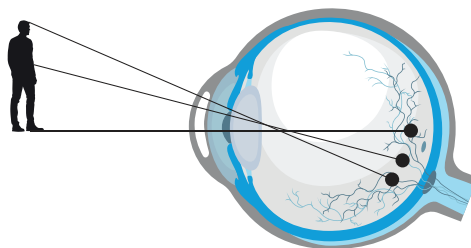
Emmetropia.

The image of a distant object is projected onto the retina when the eye is at rest.



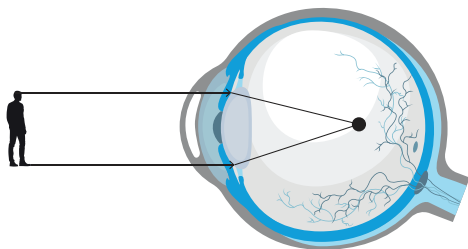
Myopia.

The image of a distant object is projected at a point in front of the retinal plane when the eye is at rest.



Refractive myopia.

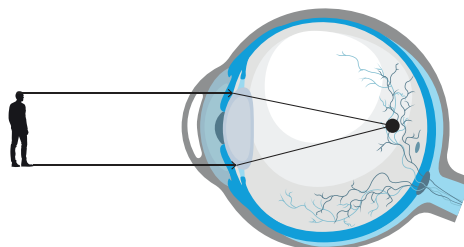
Myopia caused by an increase in the refractive power of the eye.



Axial myopia.

Myopia caused by a longitudinal increase in the size of the eyeball.

If the eye is not fully developed, for every 1 mm that the axial length increases, there may be an increase of up to 3 diopters.



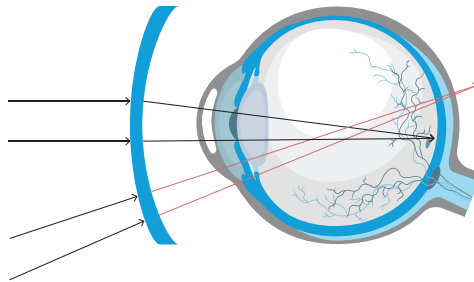
THEORY OF THE PHENOMENON OF DEFOCUS

CORRECTION OF A MYOPIC EYE WITH A TRADITIONAL SINGLE VISION LENS

The rays coming from the object and passing through the center of the lens project an image onto the retina.

The rays that pass through peripheral points of the lens are projected behind the retina.

Various studies indicate that this hypermetropic defocus is directly related to axial growth and the development



of myopia.

CORRECTION OF A MYOPIC EYE WITH PERIPHERAL DEFOCUS LENSES

Defocus lenses work by adding positive power to the periphery of the lens, with the aim of projecting the image onto the retina or in front of it, which transforms hypermetropic defocus into myopic defocus.

Studies conducted with myopic defocus lenses conclude that this new image position could act as a signal to slow axial growth.

MYOPIA MANAGEMENT LENSES



Lens with DCMO technology

Peripheral defocus design with microlenses.

Peripheral refraction control is achieved through 485 microlenses of positive power on the convex surface of the lens.

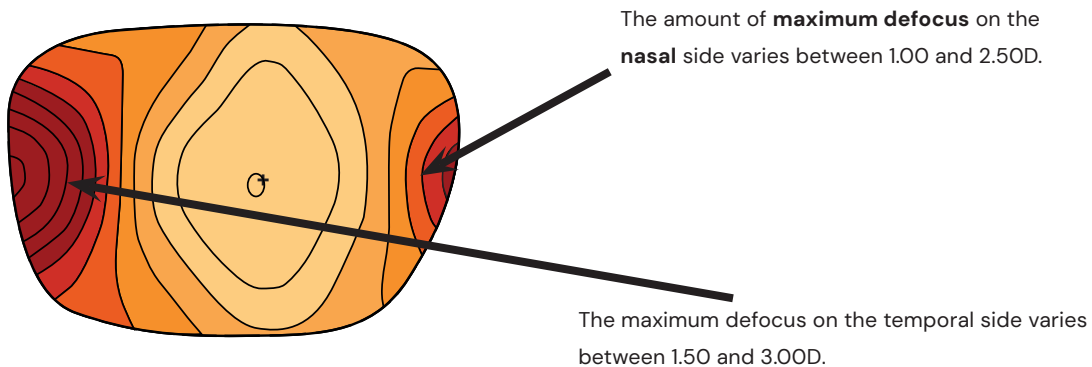
All the light that passes through the central area of the lens (10 mm) reaches the retina, ensuring vision correction and guaranteeing a clear image.

485 aspheric microlenses, whose degree of defocus increases gradually from +4.00 Dp to approximately +4.50 Dp, achieving the desired myopic defocus.



Lateral peripheral defocus design

- Peripheral refraction control is achieved through a **horizontal progression axis**. The power of the lens increases from the pupil point towards the sides asymmetrically.
- Optimized in usage position: Vertex distance: 12 mm, facial angle: 5° (variable from 2 to 8°), pantoscopic angle: 6° (variable from 3 to 9°).
- Clear vision zone variable between 11 and 15 mm in width, depending on the myopia.
- Stable average power along the vertical meridian.



Defocus Kids is the only lens for myopia management, with variable adaptive defocus. The amount of defocus is calculated in each case taking into account the existing correlation between the magnitude of myopia and the pattern of peripheral refraction of the eye.

In the calculation of each lens, information from both eyes is used, with the aim of avoiding an imbalance between the defocus perceived by each of them.

QUARZ FAMILY

QUARZ treatments are developed entirely by the R&D department of PRATS. The basic characteristics of QUARZ treatments have been improved to offer exceptional performance across the entire platform.



QUARZ AIRON ^{uv}

It only reflects your smile

QUARZ AIRON ^{uv} incorporates the latest developments in multilayer anti-reflective technology, managing to reduce reflections on both sides of the lens and providing **total transparency**.



QUARZ BIO ^{uv}

As natural as seeing

Anti-reflective treatment **specifically designed to adapt to Bio material**. It offers high scratch resistance, as well as great ease of cleaning. It presents a light green reflection tone.



QUARZ XTRAMAX ^{uv}

Maximum resistance

QUARZ XTRAMAX ^{uv} has been conceived as the anti-reflective treatment that prioritizes daily comfort. **Extreme resistance and easy cleaning** are its most outstanding qualities.



QUARZ XTREM ^{uv}

Your vision, clear and without reflections

QUARZ XTREM ^{uv} is the main anti-reflective for blocking annoying reflections on the lens surface, facilitating **clear vision and easy cleaning**.

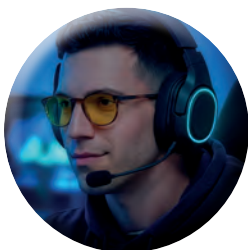
	QUARZ AIRON ^{uv}	QUARZ BIO ^{uv}	QUARZ XTRAMAX ^{uv}	QUARZ XTREM ^{uv}
Transparency	****	***	***	***
UV protection	****	***	***	***
Reflection reduction	****	***	***	***
Hydrophobic test	****	****	****	***
Abrasion resistance	****	****	****	***
Durability	****	****	****	***



QUARZ BLUE ^{UV}

Blue protection

QUARZ BLUE ^{UV} is the anti-reflective coating that **blocks part of the harmful blue light** on the lens surface, facilitating clear vision and easy cleaning.



QUARZ GAMER ^{UV}

Protection for your gaming sessions

Specific anti-reflective treatment, which **improves contrast and helps reduce visual fatigue** in those **users** of lenses who engage in long **gaming sessions**. In addition, it offers high performance in terms of scratch resistance and ease of cleaning. It presents a bluish reflection tone, scratch resistance and ease of cleaning.



QUARZ DRIVE ^{UV}

Drive without glare

QUARZ X-DRIVE ^{UV} is the anti-reflective specially designed for driving, which **reduces glare** in low light conditions and **improves contrast**.

QUARZ SUN ^{UV}

Solar protection

Convex or front side: Multilayer treatment specifically designed for sun lenses. **It protects the tinted lens** from deterioration caused by environmental conditions and UV radiation. Easy to clean and highly scratch resistant.

Concave or back side: **Anti-reflective treatment**, which prevents annoying reflections that occur on the inner side of sun lenses, easy to clean and highly scratch resistant.



****	VERY HIGH
***	HIGH
**	MEDIUM
*	LOW

UV protection
Hydrophobic test
Abrasion resistance
Durability

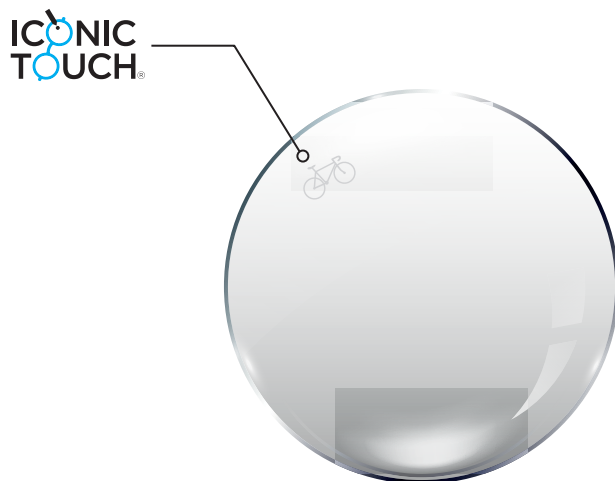
QUARZ BLUE ^{UV}	QUARZ GAMER ^{UV}	QUARZ DRIVE ^{UV}	QUARZ SUN ^{UV}
***	***	***	****
****	****	****	****
***	***	***	****
***	***	***	****

ICONIC TOUCH®

ICONIC TOUCH® is the innovative laser engraving technology with which PRATS ensures that lens customization finally becomes visible to the end user and becomes a new sales argument for optical stores.

Today's consumers perceive product customization as a sign of exclusivity. Until now, high-end ophthalmic lenses offered technological customization tailored to the user's measurements. Now, a PRATS lens can also offer the user a lens tailored to their look.

FEATURES.



- Engraved with next-generation laser technology.
- Possibility to perform the marking on only one lens or on both.
- Variable size and positioning of text or icons.
- Combination of text and icons in the same marking.
- The optical, anti-reflective, and superhydrophobic properties of the lens remain unchanged.

BENEFITS FOR THE USER.

- Adds an exclusive and highly personal value to your lens.
- Ensures that you acquire a high-value lens made to your specifications.

Custom logo design outside the catalog can be requested at no additional cost.

AVAILABILITY.

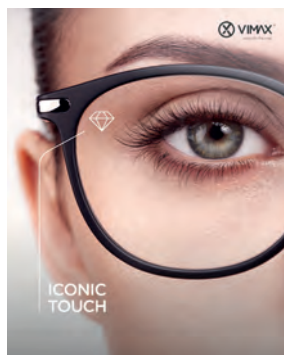
- VIMAX progressive family except index 1.74.
- ÍKARUS progressive family except index 1.74.
- NEO PRO, EVOLTA PRO, MIOPAS, A-TORIC single vision lenses (except 1.74).
- SUN&SPORTS lenses (except Trivex material).
- Express sunglasses SIENA, VERONÉS, AND GRAFITO.
- Express lenses QUARZ XTREM, 1.5, 1.6, AND 1.67.
- Possibility to apply ICONIC TOUCH® in the indicated ranges, also with mirror coating.

HOW TO ORDER A LENS WITH ICONIC TOUCH

For beveled lenses, it is possible to request customization with Iconic Touch; to do so, go to the CENTERS section of the order website.

The screenshot shows the 'CENTROS' tab in the order website. The 'ajusta' button is highlighted with a red circle, and the 'iconic' option is selected under it. The form includes the following fields and values:

- GRADUACION:** a escala ☒ 105.0
- PRECAL:** ver perfil ☐ X
- FORMA:** (Two lens diagrams with dimensions: 70.0, 35.0, 29.6, 52.4, 15.0, Ø 69)
- PARAMETROS:**
 - biselado: Biselar
 - tipo: Acetato
 - bisel: Normal
 - posicion: Auto Expert
 - matacantos: Normal
 - pullido: ☒
- ESPEORES:** (Empty)
- puente:** 15.0
- Base:** 5
- facial:** 6.0
- pantos:** 7.0
- vertice:** 13.0
- centro rotación:** O.D. 0.0 O.I. 0.0



If you cannot find your logo, please send us a high-definition image and we will assess the possibility of creating it for you. Please check delivery times.

ADVANCED BEVELS

PERFECT FIT FOR ANY FRAME

The advanced PRATS bevels have been designed to adapt perfectly to any type of frame, given their multiple types of bevel and the various configuration possibilities. Furthermore, with the remote beveling system, the optician has an easy, fast, and comprehensive system, through which they receive the beveled lens ready to be fitted into the frame.

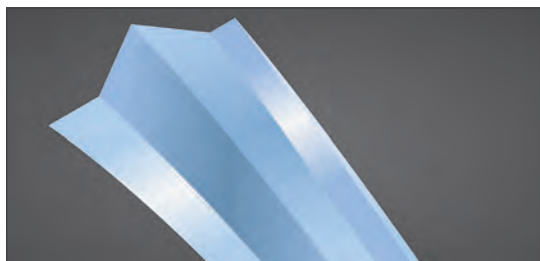
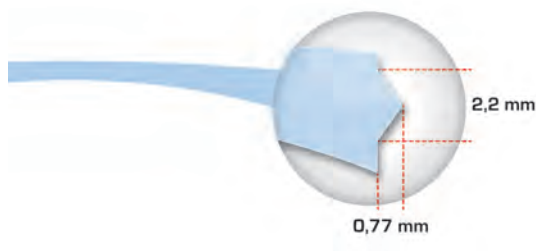
FLAT BEVEL.

The flat bevel is suitable for all rimless frames. Only in this bevel is the edge smoothing performed on the concave side.



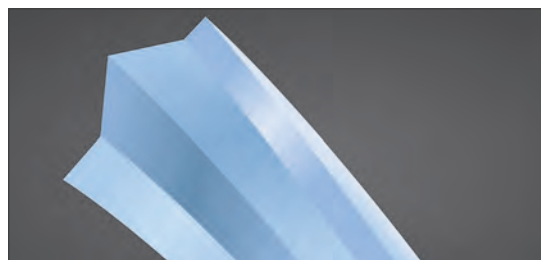
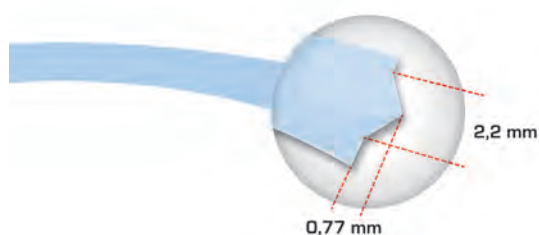
STRAIGHT BEVEL.

When the "bevel" option is selected in PRATS OnlineWeb and the base of the frame base curve is less than 5, a straight bevel will be made.



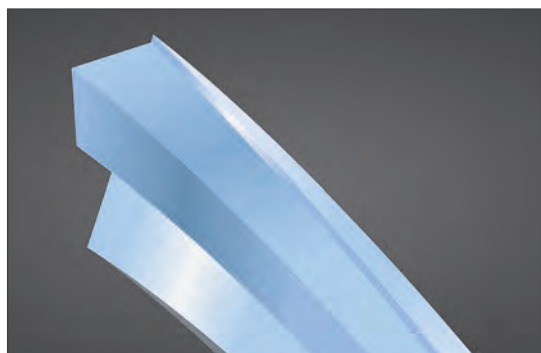
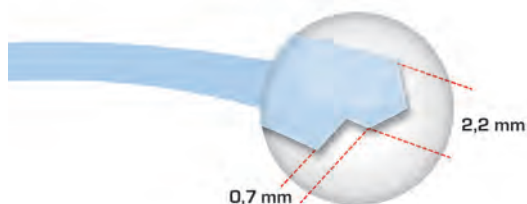
INCLINED BEVEL.

When the "bevel" option is selected in PRATS OnlineWeb and the base of the frame base curve is greater than 5, an inclined bevel will be made, following the perpendicular to the convex side.



SOLAR BEVEL.

Bevel consisting of a standard internal recess of 0.7 mm. This bevel is recommended for those frames, usually sunglasses, in which the inner rim of the frame is smaller than the outer rim. For the lens to fit, a recess must be made to match the groove of the frame.



ADVANCED BEVELS

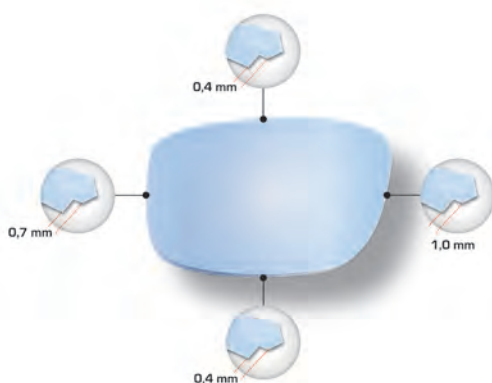
VARIABLE SOLAR BEVEL.

The internal recess can be configured between 0.00 and 1.5 mm. This variable bevel is recommended for those frames, usually sunglasses, in which the inner rim of the frame is smaller than the outer rim, but this difference is not uniform around the entire perimeter. For example, the inner part protrudes more in the temporal and nasal areas than in the upper/lower areas.

There are two predefined variable solar bevels: standard variable solar and sports variable, which in turn can be modified for a better fit by choosing 4, 6, or 12 editing points. Between one point and another, the step progression is gradual.



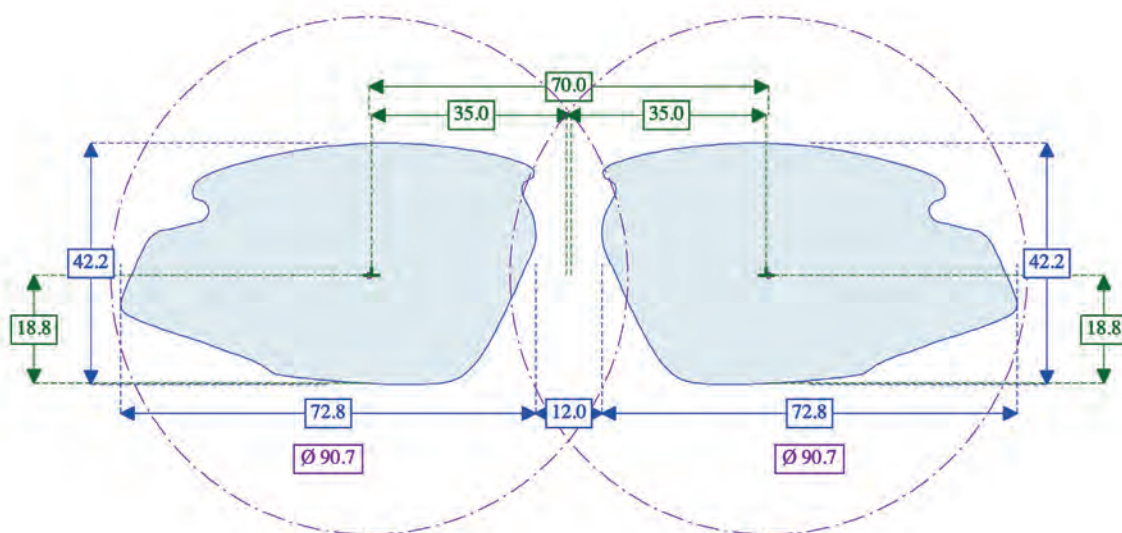
STANDARD VARIABLE SOLAR BEVEL.



SPORTS VARIABLE SOLAR BEVEL.

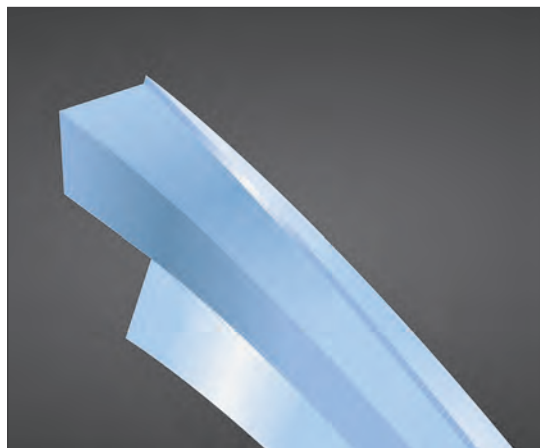
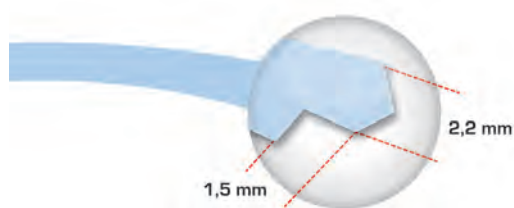
SPORT BEVEL.

This type of bevel can be applied to all frames listed in our Sport frames catalog on PRATS OnlineWeb.



SAFETY BEVEL.

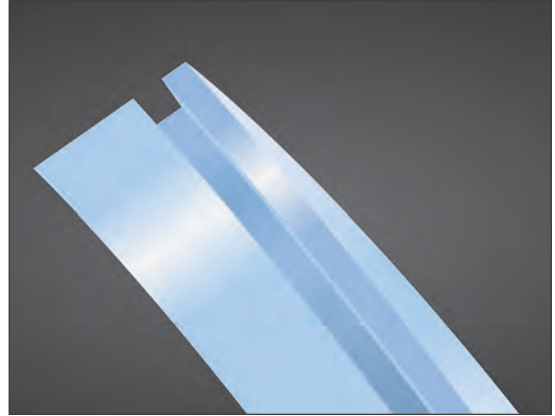
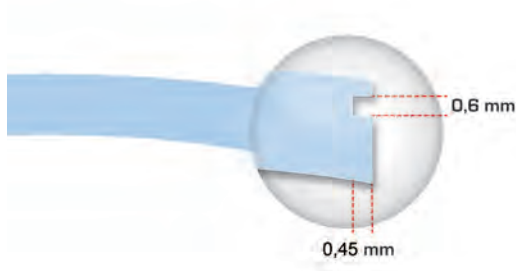
Bevel consisting of an internal recess of 1.5 mm (it is a bevel like the solar one but with a larger step). This bevel is recommended for those sports frames or protective glasses in which the lens must fit in such a way that, in the event of blows or impacts, the lens does not move inward.



ADVANCED BEVELS

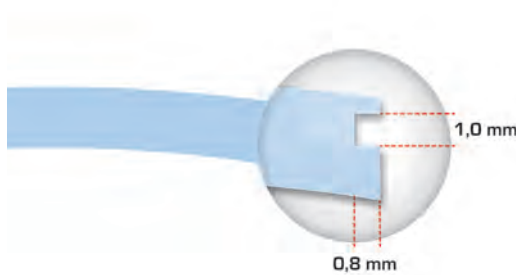
GROOVE.

By selecting a standard groove, the depth is 0.45 mm and the groove width is 0.6 mm.



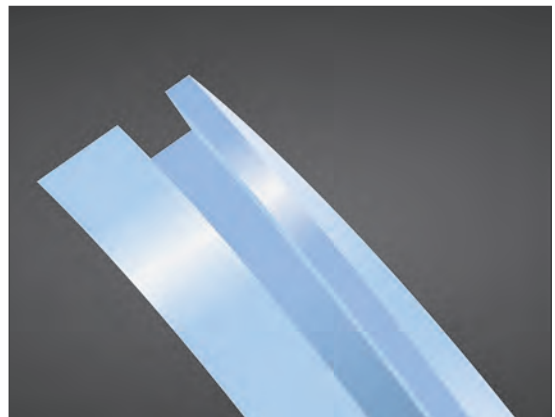
DOUBLE GROOVE.

By selecting a double groove, the depth is 0.8 mm and the groove width is 1 mm.



VARIABLE GROOVE.

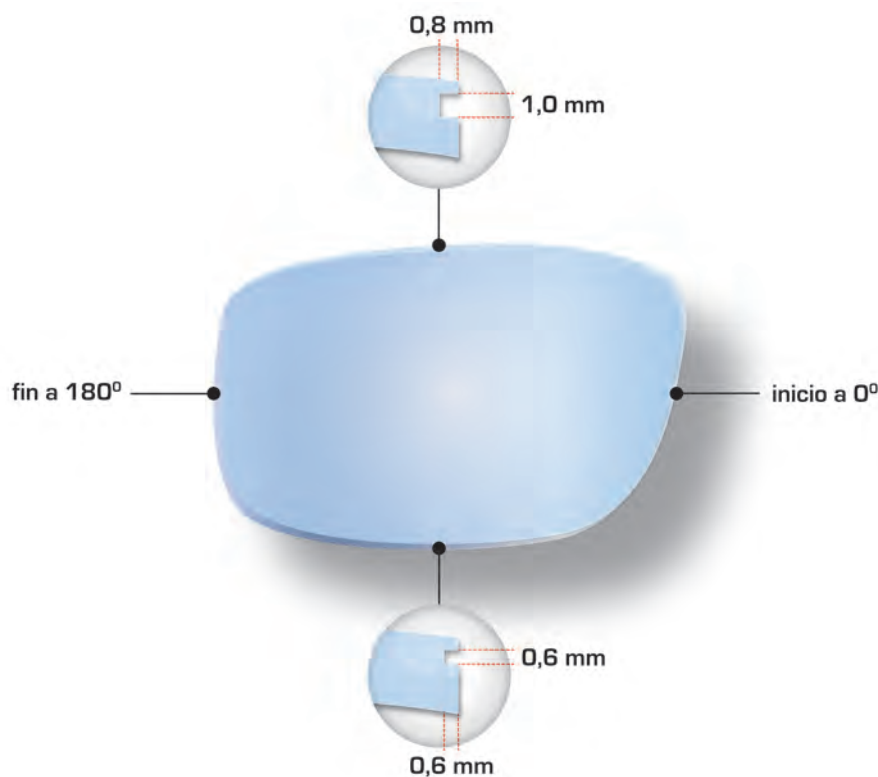
By selecting a variable groove, we can choose the groove width from 0.6 to 1.2 mm, and the depth from 0.3 to 0.8 mm.



DUAL GROOVE.

By selecting this type, two groove zones can be defined on the lens, each with a different groove width and depth. To do this, two points are defined on the shape, whose location can be varied at will, and between each point along the upper area, a groove depth and width can be specified that differ from the groove depth and width between each point along the lower area.

This groove is intended for rimless frames where a metal must fit at the top and a nylon thread at the bottom.



In this graphical representation, one point has been set at 0° and another at 180° . The location of these two points can be varied at will. For example, the starting point could be set at 10° and the ending point at 165° .

The location of these two points determines one area on the upper part of the shape and another on the lower part of the shape. In this way, a groove width and depth can be determined for the upper area and a different groove width and depth for the lower area. The groove widths and depths are as detailed in the double groove section.

The transition point from one type of groove to another is visible, with the difference between one width and another being noticeable.

PRISM INFORMATION

PRESCRIPTION PRISMS BY REFRACTIVE INDEX

Maximum possible prismatic power, according to refractive index.

Index	1.50	1.523	1.54	1.60	1.670	1.740	1.80	1.90
Maximum prism in diopters	6.00	6.50	6.75	8.00	9.00	10.25	11.25	12.75

PRESCRIPTION PRISMS FOR PROGRESSIVE LENSES.

INTRODUCTION.

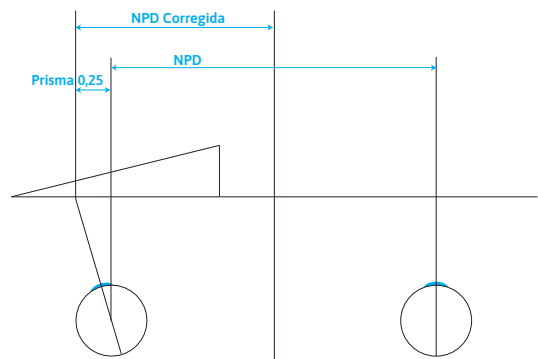
Phorias: ocular effort made to maintain binocular fixation.

Orthophoria: condition in which both visual axes intersect at the focused object.

Opticians prescribe prisms for the treatment of phorias to reduce the effort required by the patient to maintain orthophoric conditions.

PROGRESSIVE LENSES WITH PRESCRIPTION PRISMS.

The introduced prisms deflect the light rays. As a result, for the same object point, the point through which one looks through the lens varies. It varies approximately 0.25 mm per prism diopter toward the apex of the prism. The variation in thicknesses also causes a distortion in the lens design, altering the distribution of powers.



FREEFORM LENS SOLUTIONS.

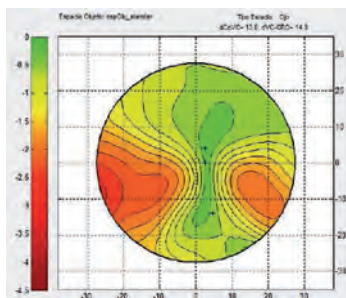
In the calculation of our *freeform* lenses, these phenomena are taken into account, so **the optician should not apply any correction** to the nasopupillary distance in the primary direction (in orthophoric situation with object at infinity).

In lenses with variable wearing position (VIMAX Master, VIMAX FRM,...) anomalies introduced in the design due to the prism are also corrected, so we would recommend the use of this type of progressive lenses when prisms are prescribed.

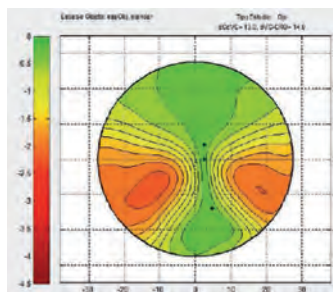
These corrections are applied both in progressive and single vision *freeform* lenses.

EXAMPLE.

Below are the astigmatism maps perceived by the user in the case of a VIMAX FIT FRM 1.6 lens with -2.5 sphere, 2.00 addition, and a 4 Dp nasal prism.



In the first astigmatism map on the right, the effect of the prism on a non-optimized lens is shown.



In the second astigmatism map on the right, it can be seen how, thanks to the optimization process, the calculation corrects the effects of the prism, ensuring that the progressive design retains its original qualities.

COLOR CHART

The information contained in the following color chart indicates the percentage of absorption as well as the classification according to the UNE-EN ISO 8980-3:2014 standard for products

with filter category supplied by PRATS, together with the restrictions on night or daytime driving imposed by the UNE-EN ISO 14889:2014 and/or EN ISO 12312-1:2013 standards.



FILTER CATEGORY	ABSORPTION	DESIGNATION	APPLICATIONS	RESTRICTIONS
0	FROM 0% TO 20%	CLEAR LENSES OR SLIGHTLY TINTED	INDOORS/ OVERCAST SKY	NONE
1	FROM 21% TO 57%	SLIGHTLY TINTED LENSES	BRIGHTNESS LIGHT SOLAR	NOT SUITABLE FOR DRIVING
2	FROM 58% TO 82%	MODERATELY TINTED LENSES	BRIGHTNESS MEDIUM SOLAR	NOT SUITABLE FOR DRIVING
3	FROM 83% TO 92%	DARK LENSES TINTED	BRIGHTNESS STRONG SOLAR	NOT SUITABLE FOR DRIVING
4	FROM 93% TO 97%	VERY DARK LENSES TINTED	BRIGHTNESS EXTREME SOLAR	NOT SUITABLE FOR DRIVING

EXPLANATIONS.

- A Lenses, whether mineral or organic, clear or with only anti-reflective treatment, have filter category 0 and are valid for driving, both at night and during the day. For solar or photochromic lenses, whether mineral or organic, that also have anti-reflective treatment, the row corresponding to the solar or photochromic filter they have must be applied.
- B The category and restrictions for shades from 15% to 95% are the same, regardless of the color chosen.
- C For lenses with gradient color ("Gradal"), the data for the base shade applies.
- D The classification and restrictions do not apply to the "UV" ultraviolet filter treatment, as the effect of this filter is outside the spectral range covered by the standards.



ABSORPTION



FILTER CATEGORY



NOT SUITABLE FOR DRIVING

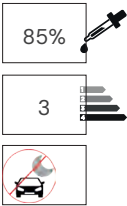


NOT SUITABLE FOR DRIVING

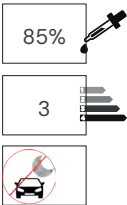
EXPRESS ORGANIC COLORATION



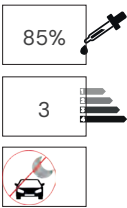
SIENA (brown)



VERONESE (green)

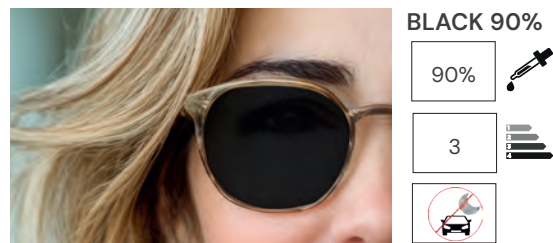
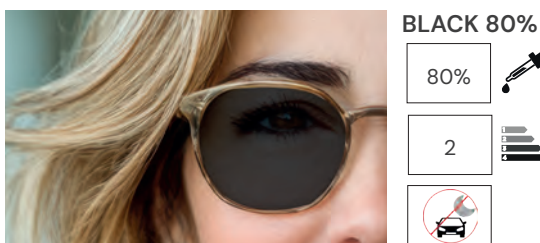
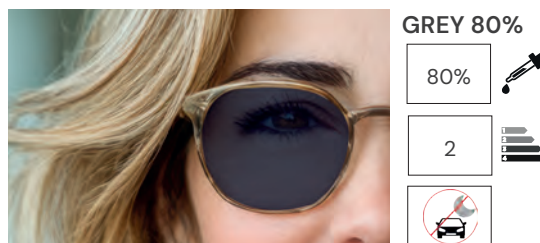


GRAPHITE (grey)

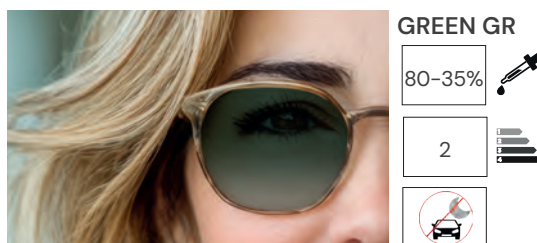


COLOR CHART

SOLAR ABSORPTIONS **TINT** SOLID COLOR



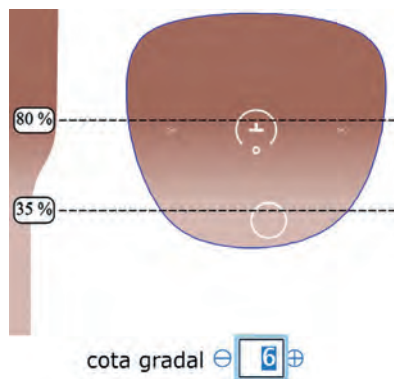
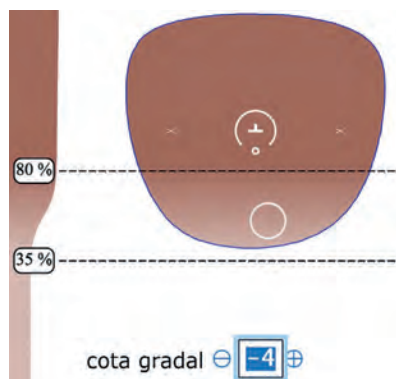
SOLAR ABSORPTIONS **TINT** GRADAL



HOW TO CUSTOMIZE THE HEIGHT OF THE GRADAL TINT

TINT Gradal lenses offer the possibility to customize the vertical starting position of the gradient, optimizing the color transition according to the desired height.

Through the Prats Online ordering platform, whenever beveled lenses are requested, it is possible to modify or customize the gradal height, as indicated in the illustration.



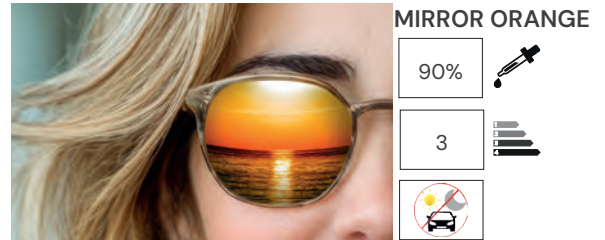
See "Gradal height" in the CENTERS section of PRATS OnlineWeb.

COLOR CHART

ORGANIC COLORATION **TINT** MIRROR



Pre-tinted base color TINT Grey 90%



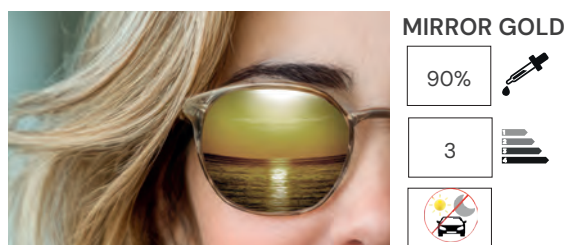
Pre-tinted base color TINT BROWN 90%



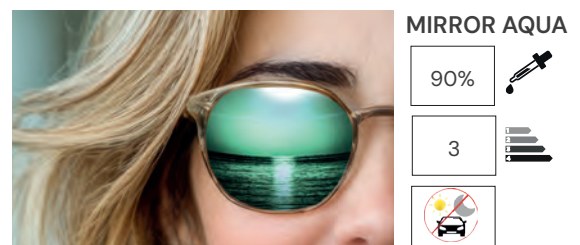
Pre-tinted base color TINT Grey 90%



Pre-tinted base color TINT GREEN 90%

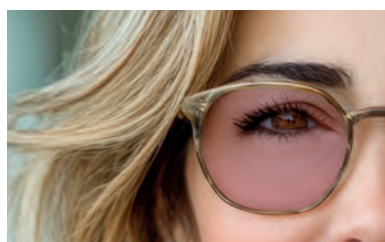


Pre-tinted base color TINT BROWN 90%



Pre-tinted base color TINT Grey 90%

ORGANIC COLORATION **LAB** URBAN COLORS



SAKURA

11 %



0



GOLDEN LIGHT

21%



1



MINT LIGHT

30%



1



GOLDEN BREEZE

22-9%



1

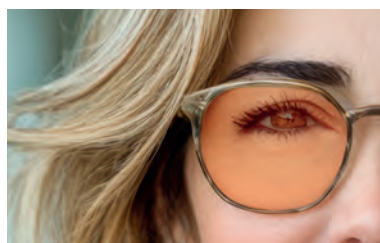


**BLUE BERRY
LIGHT**

32%



1



ORANGE MELON

28%

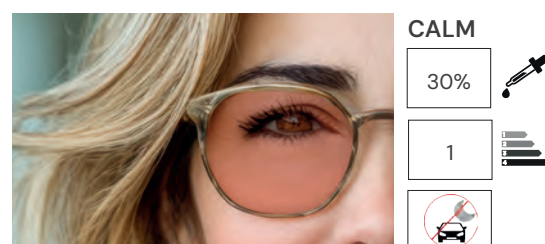


1

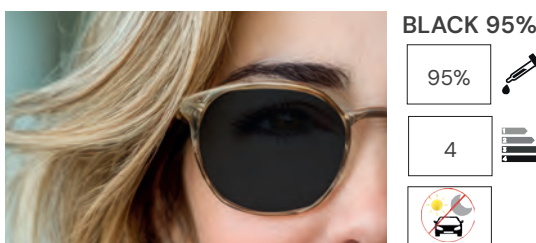
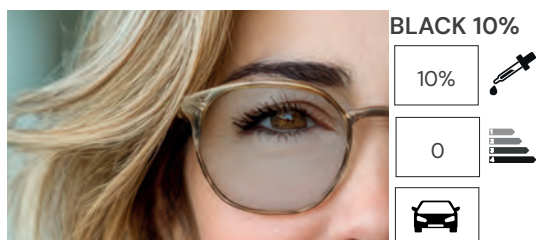


COLOR CHART

ORGANIC COLORATION **LAB** NEUROCOLORS

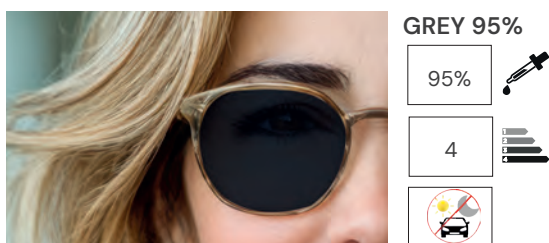
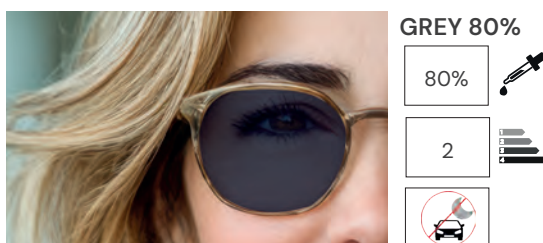
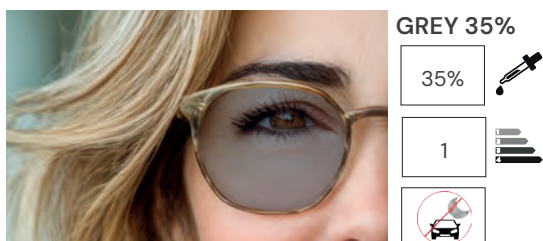


ORGANIC COLORATION **LAB** SOLID BLACK



COLOR CHART

ORGANIC COLORATION **LAB** SOLID Grey



ORGANIC COLORATION **LAB** SOLID BROWN

BROWN 10%

10%

0

BROWN 20%

20%

0

BROWN 35%

35%

1

BROWN 60%

60%

2

BROWN 80%

80%

2

BROWN 90%

90%

3

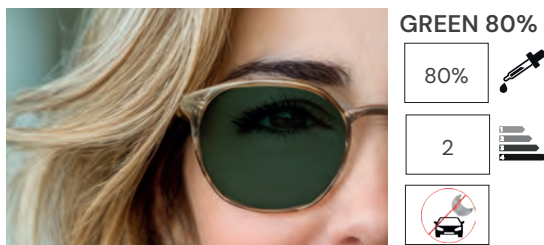
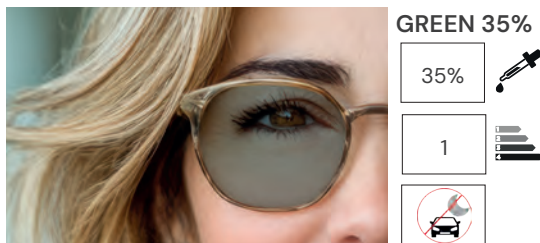
BROWN 95%

95%

4

COLOR CHART

ORGANIC COLORATION **LAB** SOLID GREEN



ORGANIC COLORATION **LAB** **SOLID**

BLUE 20%

20%

0

PINK 20%

20%

0

BLUE 35%

35%

1

FUCHSIA 35%

35%

1

BLUE 60%

60%

2

FUCHSIA 60%

60%

2

YELLOW 20%

20%

0

SALMON 35%

35%

1

ORGANIC COLORATION **LAB** GRADAL

BLACK GR
35-10%

35-10% 

1 



GREY GR
35-10%

35-10% 

1 



BLACK GR
60-25%

60-25% 

2 



GREY GR
60-25%

60-25% 

2 



BLACK GR
80-35%

80-35% 

2 



GREY GR
80-35%

80-35% 

2 



ORGANIC COLORATION **LAB GRADAL**

BROWN GR
35-10%



35-10% 

1 



GREEN GR
35-10%



35-10% 

1 



BROWN GR
60-25%



60-25% 

2 



GREEN GR
60-25%



60-25% 

2 



BROWN GR
80-35%



80-35% 

2 



GREEN GR
80-35%



80-35% 

2 



COLOR CHART

ORGANIC COLORATION **LAB** BIGRADAL

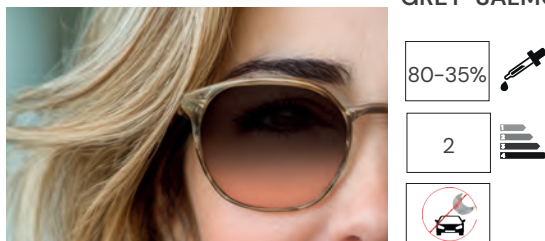
GREY-MAUVE



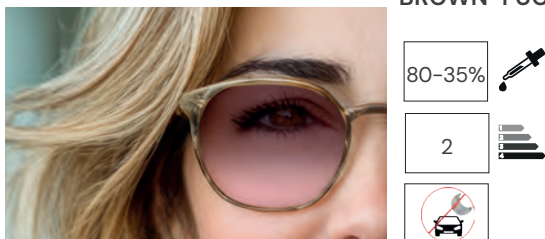
GREY-BLUE



GREY-SALMON



BROWN-FUCHSIA



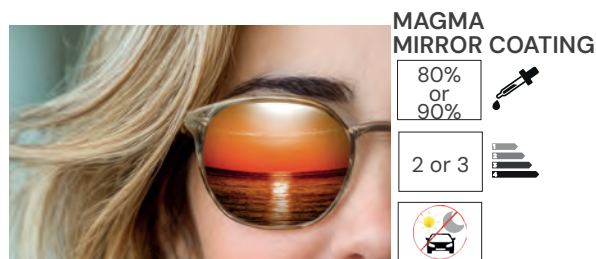
LABORATORY MIRROR COATING



SILVER COLOR MIRRORED

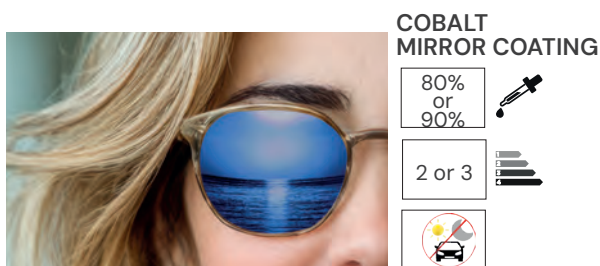
Recommended base color:
brown/green/grey/black 80-90 %

Transmission color: the
corresponding one for each color



ORANGE COLOR MIRRORED

- Recommended base color 1: brown 80 %
Transmission color 1: Rayban-type green
- Recommended base color 2: black 80 %
Transmission color 2: Carrera-type grey.



BLUE COLOR MIRRORED

Recommended base color: brown/green/
grey/black 80-90 %

Transmission color: the corresponding one
for each color

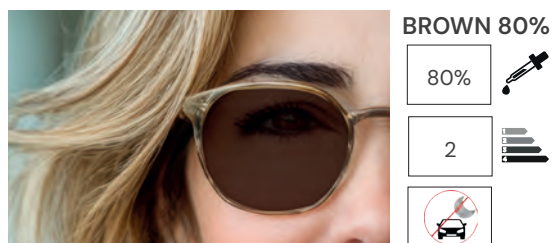


GREEN COLOR MIRRORED

Recommended base color: green 80 %

Transmission color: blue grey

LABORATORY TINTING MINERAL



COLOR CHART

POLARIZED SHADES



BROWN

85%	
3	
	



GREEN

85%	
3	
	



GREY

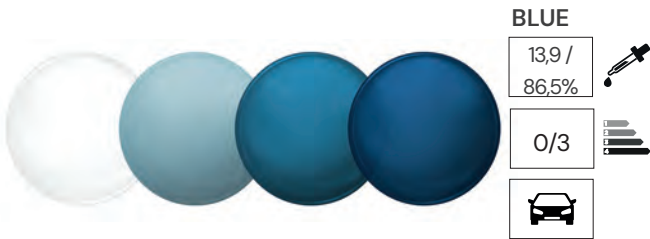
83%	
3	
	



BLUE

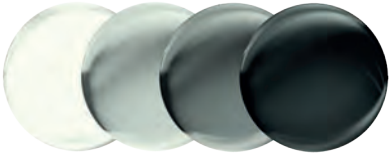
85%	
3	
	

PHOTOCROM SHADES



TRANSITIONS® SHADES

GREY

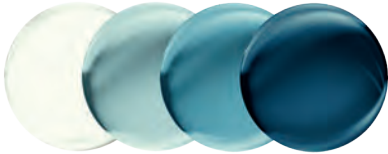


11,1 / 88 % 

0/3 



SAPPHIRE*



15 / 88 % 

0/3 



BROWN



14,8 / 88 % 

0/3 



RUBY



15 / 88 % 

0/3 



GREEN*



15/88 % 

0/3 



**XTRACTIVE
NG GREY***

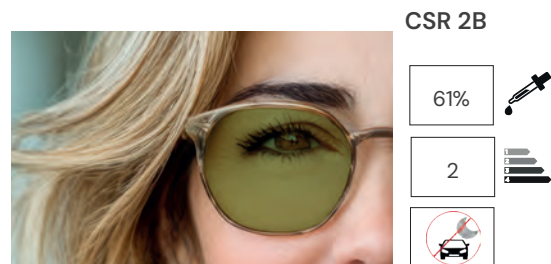
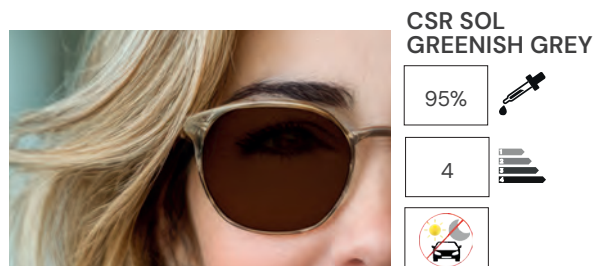
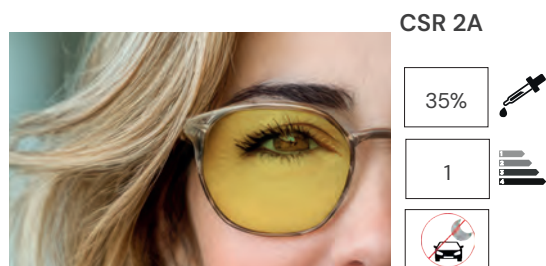
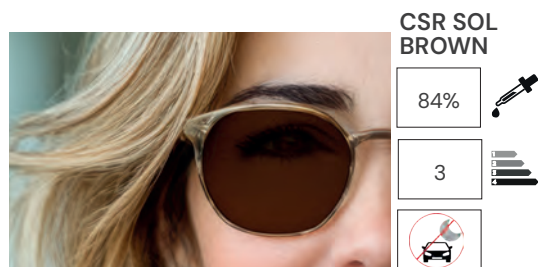
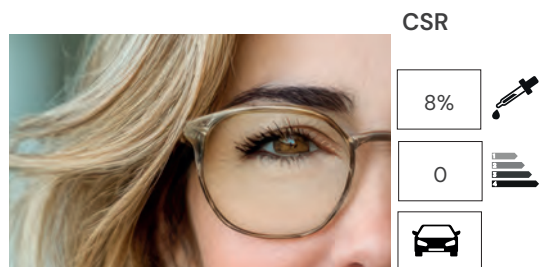


83% / 50% / 10% 

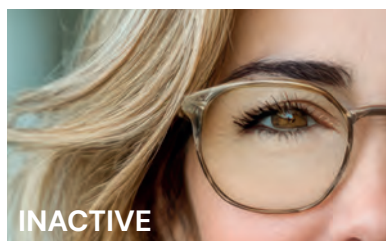
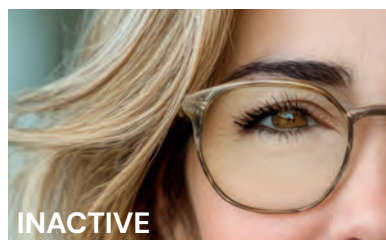
0/3 



CSR SHADES



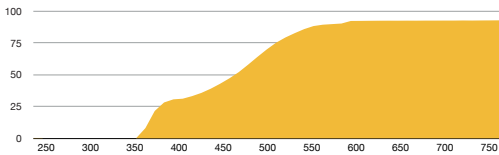
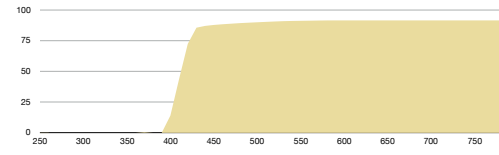
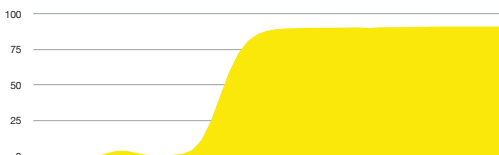
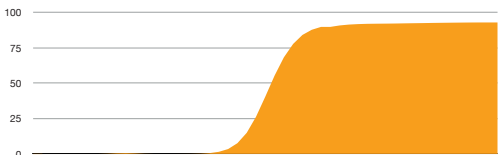
CSR IN PHOTOCROM LENSES

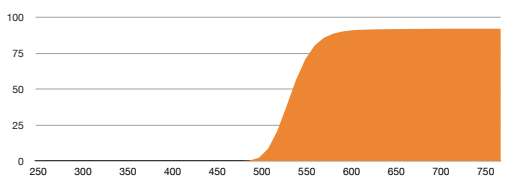
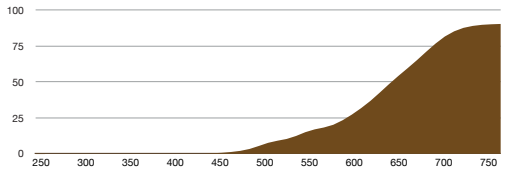
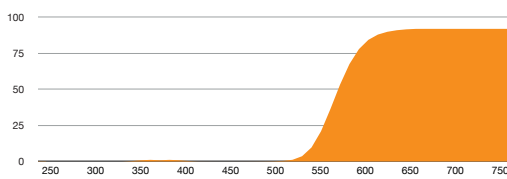
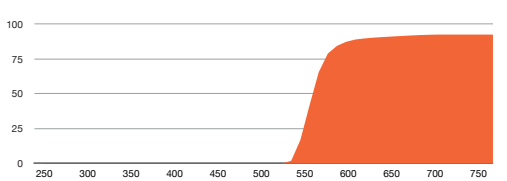
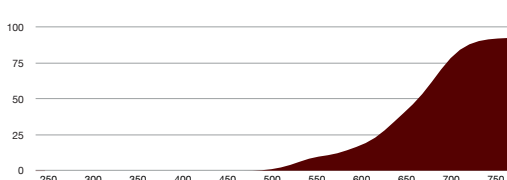
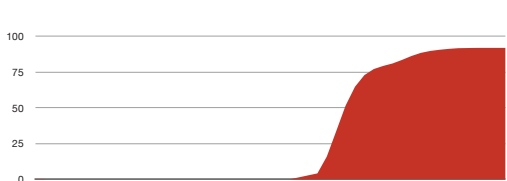


VISUAL FILTERS



The PRATS Visual Care Filters are ideal for people who suffer from any ocular pathology. They block 100% of UVB rays, and practically all UVA rays, and above all, they combat the annoying effects of blue light, both solar and that emitted by fluorescent lights, computers, and televisions. Blue light, due to its short wavelength, has the peculiarity of scattering in all directions, causing discomfort such as glare, loss of contrast, and the formation of ghost images. In healthy eyes this discomfort is minimal, but in eyes with pathologies, sensitivity to short wavelength rays increases, causing a change in visual acuity, loss of stereopsis, and decreased contrast. To compensate for these alterations, PRATS Visual Care filters were created, and their use improves both vision quality and quality of life.

FILTERS		USE RECOMMENDED	GRAPHIC
	C1 23%  1  	POST REFRACTIVE SURGERY. CATARACT SURGERY WITH IOL.	
	400 9%  0  	GLAUCOMA. AMD. OPTIC NERVE ATROPHY. CATARACTS.	
	450 15%  0  	GLAUCOMA. AMD. OPTIC NERVE ATROPHY. CATARACTS.	
	500 40%  1  	AMD. OPTIC NERVE ATROPHY. CATARACTS.	

FILTERS		USE RECOMMENDED	FILTER CATEGORY
	511 46 %  1  	GLAUCOMA. AMD. OPTIC NERVE ATROPHY. CATARACTS. PIGMENTARY RETINOSIS.	
	511 BROWN 86 %  3  	DIABETIC RETINOSIS. PIGMENTARY RETINOSIS. ALBINISM.	
	527 54 %  1  	GLAUCOMA. PIGMENTARY RETINOSIS. DIABETIC RETINOSIS. CATARACTS.	
	550 70 %  2  	PIGMENTARY RETINOSIS.	
	550 BROWN 83 %  3  	DIABETIC RETINOSIS. PIGMENTARY RETINOSIS. ALBINISM.	
	585 78 %  2  	GLAUCOMA DIABETIC RETINOSIS. PIGMENTARY RETINOSIS AMD	

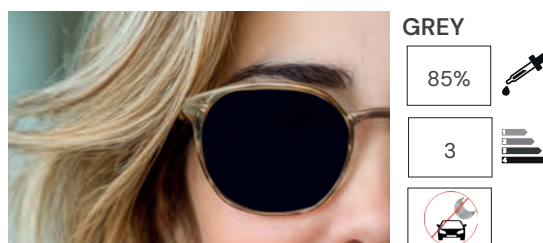
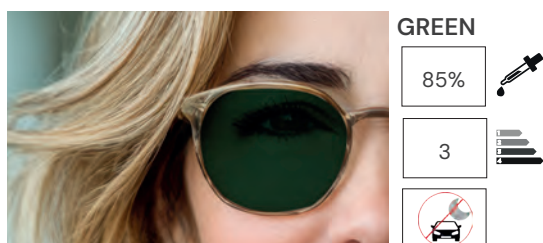
SUN&SPORT MATERIALS

SPORT TREX

UNBREAKABLE LIGHTNESS Trivex® **DOUBLE ADVANTAGE** Trivex®

The SPORT TREX material is 16% lighter than CR-39, with excellent optical performance. With an Abbe number of 45 and being virtually unbreakable, it is ideal for sunglasses and sports glasses. Furthermore, as it is a material free from internal stresses, it is the perfect solution for rimless frames that require greater elasticity and resistance.

Prolonged contact with alcohol may alter the physical properties of the lens.



SPORT TRANSITIONS TREX

DOUBLE ADVANTAGE Trivex®

The SPORT TRANSITIONS TREX Photochromic lenses combine the photochromic advantages of transitions lenses with the lightness and resistance of TRIVEX® material, making them 16% lighter than CR-39 material lenses and practically unbreakable.

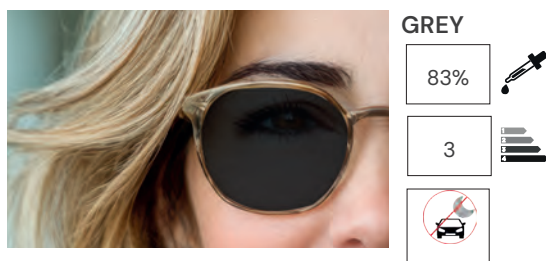
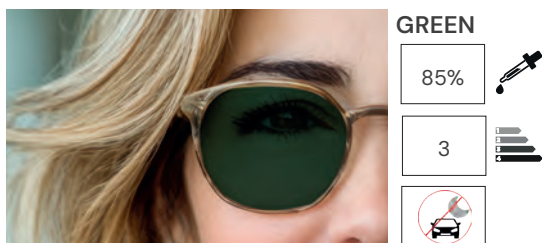
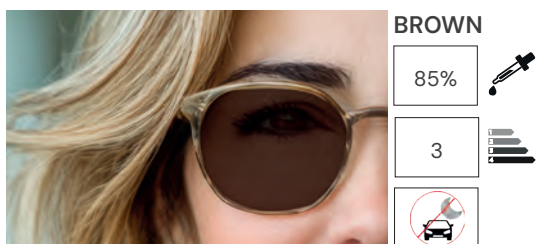


SPORT POLAR

ELIMINATES REFLECTIONS FROM SURFACES

The SPORT POLAR lenses incorporate a filter that eliminates the horizontal reflection from surfaces such as water, the most blinding in nature. That is why they are especially suitable for water sports. They also reduce road glare on the vehicle windshield, increasing visibility and comfort while driving.

Due to their great usefulness in blocking the glare from any surface (snow, pavement, metallic surfaces, and windows), they are increasingly used not only in sports activities and driving, but also for everyday use.



SPORT PHOTO POLAR

LIGHT AND REFLECTION CONTROL Trivex®

The SPORT PHOTO POLAR lenses have all the advantages of the polarized filter and dynamic light control, offer maximum clarity in any lighting condition and, furthermore, are free from glare. The SPORT POLAR lenses are made of TRIVEX® material; their ultra-light weight and incredible resistance and elasticity make it the ideal material for sports and/or sunglasses frames.

Grey: true color definition. The favorite for any frame.
 BROWN: enhances colors and minimizes visual strain, to provide greater comfort.
 GREEN: maximum contrast in low light conditions, reduces visual strain in full sunlight.



GREY

64/91%

2/3



BROWN

76/91%

2/3



GREEN*

78/91%

2/3

DRIVEWEAR

TRANSITIONS AND POLAR TECHNOLOGY Trivex®

DRIVEWEAR	BROWN GREEN	
	With dim light on a cloudy day, they are a yellowish-green color that provides brightness.	65 % 2 
	With sunlight inside the car, it changes to a coppery brown to control light intensity and prevent glare.	78 % 2 
	Under intense outdoor sunlight, it darkens to a reddish brown to filter excess light and provide maximum protection against glare and UV rays.	88 % 2 

REGULATIONS

1.1.

EUROPEAN REGULATIONS.

The European Union establishes that community regulations are mandatory in our country.

PRATS, true to its tradition of technological innovation and quality, has taken the necessary actions to ensure that opticians and their clients receive

products that even exceed the requirements of the legislation, as set out in Directive 93/42/EEC and amended by 2007/47/EC and applied in RD 1591/2009, as well as the requirements of the new European Regulation 2017/745 on Medical Devices applicable from May 26, 2021.

1.2.

MANUFACTURER'S OBLIGATIONS.

The manufacturer must comply with a series of requirements relating to:

1. THE PRODUCT: OPHTHALMIC LENSES.

The manufacturer must comply with a series of requirements relating to:

THE PRODUCT: OPHTHALMIC LENSES.

Since June 14, 1998, ophthalmic lenses have been considered a medical device and, under Regulation (EU) 2017/745, must meet the following general requirements:

- **Optical performance** (Standard UNE-EN ISO 8980-1 and UNE-EN ISO 8980-2).

The tolerances for power, centering, and prismatic effects must comply with the provisions of the Standard.

- **Mechanical resistance** (Standard UNE-EN ISO 14889).

The lenses must withstand a load applied by a 22 mm diameter steel ball with a force of 100 Newtons (10.19 kilograms) for 10 seconds.

- **Flammability** (Standard UNE-EN ISO 14889).

The lens must not ignite upon contact with a 6 mm steel rod heated to a temperature of 650° C.

- **Physiological compatibility** (Standard UNE-EN ISO

14889).

Ophthalmic lenses must not be manufactured with materials that cause allergies or are physiologically incompatible.

- **Transmission specifications** (Standard UNE-EN ISO 8980-3 and/or 12312-1).

- The transmission factor must comply with the specifications of ISO/DIS 8980-3.

- The transmission factor in the visible spectrum must be greater than or equal to 3%.

- Any treatment (tinting, hardening, anti-reflective, etc.) or subsequent conditioning of the ophthalmic lens for marketing with its own packaging will be carried out under the responsibility of the party carrying it out, and will not compromise the manufacturer's responsibility.

- **Special lenses.** Special lenses prescribed for certain specific visual needs, such as microfacets, multifocals with prismatic segment, biconcave lenses, negative lenticulars, etc., may not meet some of the requirements. However, they may be manufactured and marketed under certain particular conditions.

2. MARKING OF ENVELOPES WITH THE SYMBOL:

Since June 14, 1998, the marking **CE** will appear on all PRATS lens envelopes, as a guarantee of compliance with the aforementioned legislation.

Since May 26, 2021, the mandatory symbol **MD** also appears on all medical devices.

3. COMMUNICATION OF THE INDICATIONS AND LIMITATIONS OF USE OF THE PRODUCTS.

The manufacturer must communicate all information that ensures the proper use of its products and the restrictions that apply to each of them.

1.3.

OPTICIAN'S OBLIGATIONS

The optician must provide their client with all necessary information on proper care, maintenance, and the restrictions on product use, being obliged to:

1. INFORM THEIR CLIENTS OF THE LIMITATIONS OF USE.

- **General transmittance requirements:** the luminous transmittance τ_v of spectacle lenses must not be $\leq 3\%$ at the design reference point.
- **Spectral transmittance:** the spectral transmittance $\tau(\lambda)$ at any wavelength within the range 500 nm to 650 nm must not be less than 0.2 τ_v .
- **Regarding automobile driving:** spectacle lenses with luminous transmittance $\leq 8\%$ are not suitable for driving vehicles or for use on the road.
- **Daytime driving:** the luminous transmittance τ_v of spectacle lenses used for daytime driving of vehicles must be $> 8\%$ at the design reference point.
- **Night driving:** the luminous transmittance τ_v of lenses for glasses used for night driving of vehicles must be $\geq 75\%$ at the design reference point.
- **Relative visual attenuation coefficient for the recognition of luminous signals:** lenses for glasses that comply with the previous sections must have

a relative visual attenuation coefficient (ratio) Q not less than:

- 0.8 for red.
- 0.6 for green.
- 0.8 for yellow.
- 0.4 for blue.

- **Lenses that do not correct distance vision:**

intermediate vision lenses and reading lenses cannot be used for activities that require distance vision and, therefore, are not suitable for driving vehicles.

- **Special lenses:** lenses prescribed for specific visual needs and that do not meet certain general requirements may be marketed, but must be accompanied by a statement that the optician will keep with the following information:

- The identifying data of the lens in question.
- A statement indicating that this lens is for the exclusive use of a specific patient and the data that allows for their identification.
- The name of the authorized professional who has made the prescription.
- A statement mentioning the general requirements that the lens does not meet.

REGULATIONS

· According to the UNE-EN ISO 8980-3 standard, the following filter categories have been established for ophthalmic lenses.

FILTER CATEGORY	TRANSMISSION	DESIGNATION	APPLICATIONS	RESTRICTIONS
0	FROM 80% TO 100%	CLEAR LENSES OR SLIGHTLY TINTED	INDOORS/ OVERCAST SKY	NONE
1	FROM 43% TO 80%	SLIGHTLY TINTED LENSES	BRIGHTNESS LIGHT SOLAR	NOT SUITABLE FOR DRIVING
2	FROM 18% TO 43%	MODERATELY TINTED LENSES	BRIGHTNESS MEDIUM SOLAR	NOT SUITABLE FOR DRIVING
3	FROM 8% TO 18%	MODERATELY TINTED LENSES	BRIGHTNESS STRONG SOLAR	NOT SUITABLE FOR DRIVING
4	FROM 3% TO 8%	VERY DARK LENSES	BRIGHTNESS EXTREME SOLAR	NOT SUITABLE FOR DRIVING

2. INFORM ABOUT THE CORRECT USE OF THE PRODUCT.

• Information about the filters of solar lenses.

The user must be informed about the applications and restrictions related to the filter category they have chosen.

• Maintenance of the lenses.

- Regular cleaning with water and neutral soap and subsequent drying with a soft and clean cloth.
- Prohibition of the use of aggressive products.

3. INFORMATION ABOUT THE USE OF PRATS BRANDS.

Advertising campaigns in which any image or brand of **PRATS** appears must be previously authorized by the company.

In the following tables, we indicate the classification according to the UNE-EN ISO 8980-3 standard of the products with filter category supplied by Industrias de Óptica Prats, together with the restrictions on night or day driving imposed by said standard. Lenses, whether mineral or organic, clear or with only anti-reflective treatment, have filter category 0 and

are valid for driving, both at night and during the day. For solar or photochromic lenses, whether mineral or organic, that also have an anti-reflective treatment, the row corresponding to the solar or photochromic filter they have must be applied.

2.1.

ORGANIC SOLAR LENSES.

The optician must provide their client with all the necessary information for proper care,

maintenance, and the restrictions on the use of the product, being obliged to:

DESIGNATION	CATEGORY FILTER	RESTRICTION	
		DAYTIME DRIVING	NIGHT DRIVING
TINT 10%	0	VALID	VALID
TINT 20%	1	VALID	VALID
TINT 35%	1	VALID	NOT SUITABLE
TINT 60%	2	VALID	NOT SUITABLE
TINT 80%	2	VALID	NOT SUITABLE
TINT 90%	3	VALID	NOT SUITABLE
TINT 95%	4	NOT SUITABLE	NOT SUITABLE
GREEN W	3	VALID	NOT SUITABLE
SIENA/GRAPHITE/VERONESE	3	VALID	NOT SUITABLE
POLAR	3	VALID	NOT SUITABLE

CLARIFICATIONS

- A The category and the restrictions for shades from 15% to 95% are the same, regardless of the color chosen.
- B For lenses with gradient color ("Gradal"), the data for the base shade applies.
- C The classification and restrictions do not apply to the "UV" ultraviolet filter treatment, as the effect of this filter is outside the spectral range covered by the standards.

REGULATIONS

2.2.

MINERAL SUNGLASSES.

DESIGNATION	CATEGORY FILTER	RESTRICTION	
		DAYTIME DRIVING	NIGHT DRIVING
TONE D	3	VALID	NOT SUITABLE

2.3.

ORGANIC PHOTOCHROMIC LENSES.

DESIGNATION	COLOR	FILTER STATUS		RESTRICTION	
		DEACTIVATED	ACTIVATED	COND. DAYTIME	COND. NIGHTTIME
PHOTOCHROM® 1.5	BR	0	3	VALID	VALID
	GR				
PHOTOCHROM® 1.60	BR	0	3	VALID	VALID
	GR				
PHOTOCHROM® 1.67	BR	0	3	VALID	VALID
	GR				
TRANSITIONS® 1.5	MR	0	3	VALID	VALID
	GR				
TRANSITIONS® 1.6	MR	0	3	VALID	VALID
	GR				
TRANSITIONS® 1.6 XTRActive NG	GR	0	1/3	VALID	VALID
TRANSITIONS® 1.67	MR	0	3	VALID	VALID
	GR				
TRANSITIONS® 1.74	MR	0	3	VALID	VALID
	GR				
PHOTO (TRIVEX®)	ORANGE	1	2	VALID	VALID
	COOPER	2	3		
PHOTO POLAR 1.6 (TRIVEX®)	MR	2	3	VALID	NOT SUITABLE
	GR				
	VR				
TRANSITIONS® TREX	MR	0	3	VALID	VALID
	GR				
DRIVEWEAR® TREX	BROWN	2	3	VALID	NOT SUITABLE

2.4.

OPTICAL PROPERTIES ORGANIC LENSES.

ORGANIC MATERIAL	COLOR	INDEX	DENSITY (grs/cc)	No. Abbe	UV ABSORPTION from (nm)	% VISIBLE TRANSMISSION	
						clear state	dark state
WHITE 1.5	colorless	1,502	1,32	58,2	355	92,0%	
WHITE 1.56	colorless	1,560	1,23	37,0	400	90,5%	
BIOMASS 1.6	colorless	1,602	1,30	42,0	405	89,30%	
WHITE LIGHT 1.6	colorless	1,597	1,30	40,5	400	89,50%	
WHITE EYLHIS 1.67	colorless	1,668	1,37	31,4	400	87,50%	
WHITE EYLHIS 1.74	colorless	1,737	1,47	32,5	400	85,50%	
BLUE SAFE SYSTEM							
BLUE SAFE SYSTEM 1.6	colorless	1,597	1,30	41,5	410	88,50%	
BLUE SAFE SYSTEM 1.67	colorless	1,668	1,37	31,4	410	86,50%	
BLUE SAFE SYSTEM 1.74	colorless	1,737	1,47	32,5	410	84,50%	
PHOTOCHROMIC – PHOTOCHROMIC SUNGLASSES AND SUNGLASSES							
PHOTOCHROM* 1.5	BR / GR	1,5	1,19	43,0	400	88,0%	13,0%
PHOTOCHROM* 1.60	BR / GR	1,597	1,30	40,5	400	88,0%	12,0%
PHOTOCHROM* 1.67	BR / GR	1,668	1,37	31,4	400	88,0%	12,0%
TRANSITIONS* 1.5	BR	1,500	1,32	59,0	400	88,0%	14,8%
	GR					88,0%	11,1%
TRANSITIONS* 1.6	BR	1,600	1,30	42,0	400	88,0%	14,8%
	GR					88,0%	11,1%
TRANSITIONS* 1.6 XTRActive NG	GR	1,600	1,30	42,00	400	83,0%	50% / 10 %
TRANSITIONS* 1.67	BR	1,670	1,37	31,0	400	88,0%	14,8%
	GR					88,0%	11,1%
TRANSITIONS* 1.74	BR	1,740	1,47	33,0	400	88,0%	14,8%
	GR					88,0%	11,1%
POLAR 1.5	BR / GR	1,500	1,32	59,0	400	16,0%	
	GN					15,0%	
POLAR 1.6	BR / GR	1,600	1,30	42,0	400	15,0%	
	GN					14,0%	
POLAR 1.67	BR	1,670	1,37	31,0	400	15,0%	
	GR					16,0%	
	GN					14,0%	
PHOTO (TRIVEX*)	ORANGE	1,530	1,11	45,0	400	63,0%	22,0%
	COOPER					40,0%	11,0%
PHOTOPOLAR 1.6 (TRIVEX*)	BR	1,530	1,11	45,0	400	24,0%	9,0%
	GR					36,0%	10,0%
	GN					22,0%	10,0%
TREX	BR	1,530	1,11	45,0	400	14,0%	
	GR / GN					15,0%	
TRANSITIONS* TREX	BR	1,530	1,11	45,0	400	88,0%	14,8%
	GR					88,0%	11,1%
DRIVEWEAR® TREX	BROWN	1,530	1,11	45,0	400	35% / 22%	12,0%

REGULATIONS

2.5.

OPTICAL PROPERTIES MINERAL LENSES.

MINERAL MATERIAL	COLOR	INDEX	DENSITY (grs/cc)	No. Abbe	UV ABSORPTION	% VISIBLE TRANSMISSION	
					from (nm)	clear state	dark state
WHITE	colorless	1,525	2,55	58,3	330	98,0%	
WHITE HI-CROWN	colorless	1,604	2,67	43,8	330	98,0%	
WHITE FLINT 1.7	colorless	1,707	3,21	39,2	330	98,0%	
WHITE FLINT 1.8	colorless	1,807	3,60	34,8	330	97,0%	
WHITE FLINT 1.9	colorless	1,893	4,02	30,4	330	96,0%	
PHOTOCHROMIC							
PHOTOCHROMIC	BR	1,525	2,41	56,7	350	94,0%	30,0%
	GR					94,0%	25,0%
PHOTOCHROMIC HI-CROWN	MRN	1,525	2,41	56,7	350	93,0%	25,0%
.- Chemical and thermal tempering only in index 1.525							
.- Data provided by the manufacturers of the different materials.							

2.6.

MINERAL PHOTOCHROMIC LENSES.

DESIGNATION	COLOR	FILTER STATUS		RESTRICTION	
		DEACTIVATED	ACTIVATED	COND. DAYTIME	COND. NIGHTTIME
BROWN II	BROWN	0	2	VALID	VALID
GREY II	GREY	0	3	VALID	VALID

CLARIFICATIONS: Mineral photochromic lenses are Not suitable for driving according to UNE-EN-ISO 14889, 8980-3, and 12312-1 standards if their center thickness is greater than 3 mm (without anti-reflective coating) or greater than 6 mm (with anti-reflective coating). In the "deactivated" state, depending on their center thickness, their filter category may be 0 or 1.

2.7.

MYOPIC.

EYLHIS 1.67		LIMITS	EYLHIS 1.74	
MINIMUM BEVEL	BASES		BASES	MINIMUM BEVEL
30 MM	1.00 / 2.00 / 3.00	-4.00 TO -12.00	1.50 / 2.50 / 3.50	30 MM.
34 MM	1.00 / 2.00	-12.00 TO -16.00	1.50 / 2.50	32 MM.
CONSULT MANUFACTURING POSSIBILITIES		-16.00 TO -20.00	1.50	36 MM.

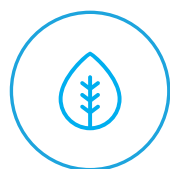
2.8. RECOMMENDATION OF INDICES FOR FREEFORM LENSES.

TABLE INDICES		ADDITION						
		+0.50	+1.00	+1.50	+2.00	+2.50	+3.00	+3.50
CYL. POWER (-) FOR DISTANCE VISION	+7.00	1.74	1.74	1.74	1.74	1.74	1.74	1.74
	+6.50	1.74	1.74	1.74	1.74	1.74	1.74	1.74
	+6.00	1.67	1.74	1.74	1.74	1.74	1.74	1.74
	+5.50	1.67	1.67	1.74	1.74	1.74	1.74	1.74
	+5.00	1.67	1.67	1.67	1.74	1.74	1.74	1.74
	+4.50	1.67	1.67	1.67	1.67	1.74	1.74	1.74
	+4.00	1.6	1.67	1.67	1.67	1.67	1.74	1.74
	+3.50	1.6	1.6	1.67	1.67	1.67	1.67	1.74
	+3.00	1.6	1.6	1.6	1.67	1.67	1.67	1.67
	+2.50	1.6	1.6	1.6	1.6	1.67	1.67	1.67
	+2.00	1.6	1.6	1.6	1.6	1.6	1.67	1.67
	+1.50	1.5	1.6	1.6	1.6	1.6	1.6	1.67
	+1.00	1.5	1.5	1.6	1.6	1.6	1.6	1.6
	+0.50	1.5	1.5	1.5	1.6	1.6	1.6	1.6
	+0.00	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	-0.50	1.5	1.5	1.5	1.5	1.5	1.6	1.6
	-1.00	1.5	1.5	1.5	1.5	1.5	1.5	1.6
	-1.50	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	-2.00	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	-2.50	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	-3.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	-3.50	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	-4.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	-4.50	1.67	1.67	1.67	1.67	1.67	1.67	1.67
	-5.00	1.67	1.67	1.67	1.67	1.67	1.67	1.67
	-5.50	1.67	1.67	1.67	1.67	1.67	1.67	1.67
	-6.00	1.67	1.67	1.67	1.67	1.67	1.67	1.67
	-6.50	1.74	1.74	1.74	1.74	1.74	1.74	1.74
	-7.00	1.74	1.74	1.74	1.74	1.74	1.74	1.74





GENERAL OPHTHALMIC LENSES CATALOG



PRATS BIO



UNIVERSAL USE	UNIVERSAL USE ORGANIC PROGRESSIVES
	UNIVERSAL USE ORGANIC SINGLE VISION
	UNIVERSAL USE BIFOCALS ORGANICS
	UNIVERSAL USE MINERALS
WORK USE	WORK USE
DRIVE USE	DRIVE USE
KIDS USE	KIDS USE
CLINICAL USE	CLINICAL USE
SPORT USE	SPORT&SUN USE
SPECIALIZED USE	SPECIALIZED USE
TECHNICAL INFORMATION	INFO. TECHNICAL



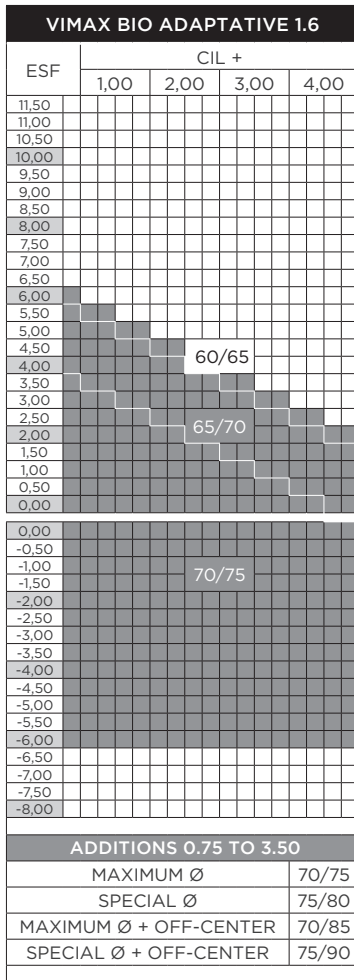
The progressive lens with
AI that best adapts to you



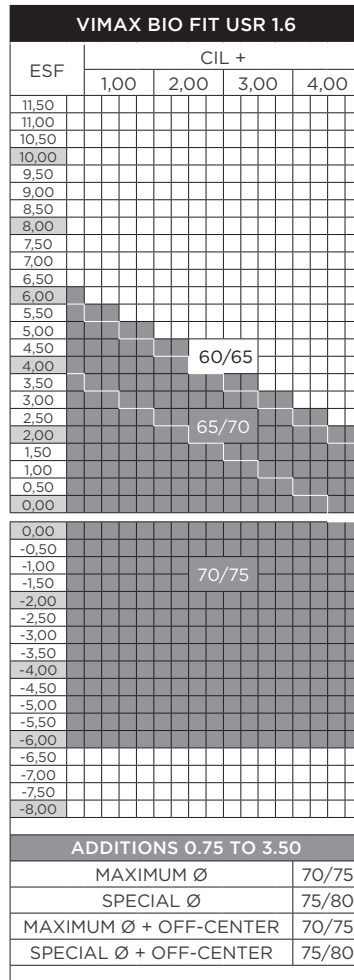
The most comfortable
progressive lens.



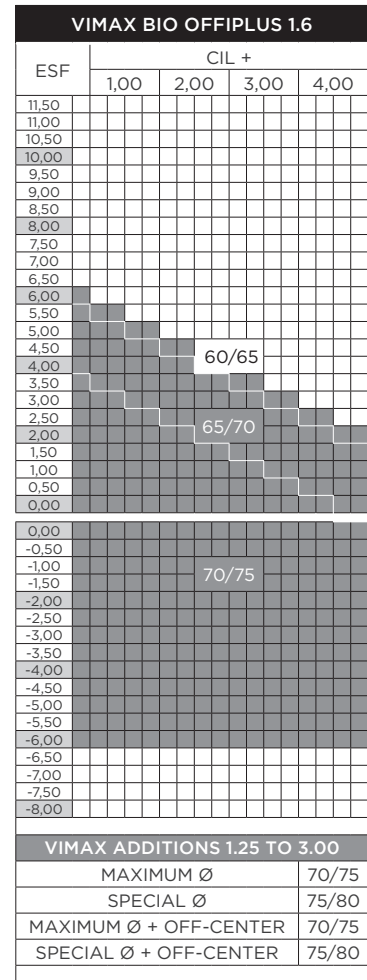
Efficient and comfortable
vision for every work
environment



If you would like to know more
about the VIMAX ADAPTATIVE
design please refer to page 150



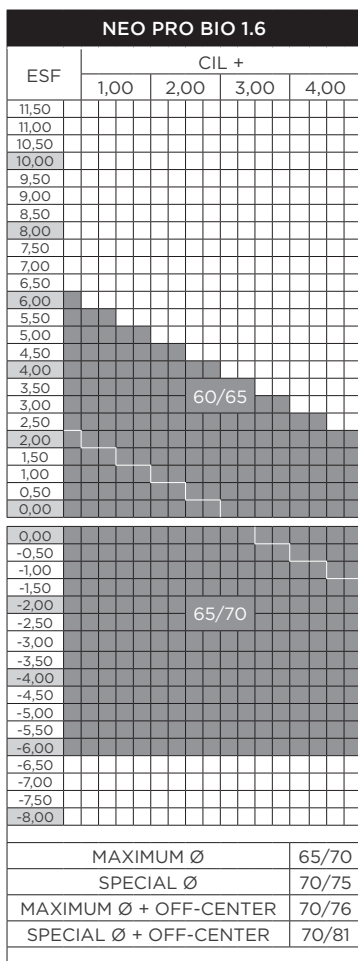
If you would like to know more
about the VIMAX FIT USR design
please refer to page 184



If you would like to know more
about the VIMAX OFFIPLUS
design please refer to page 288

NEO PRO BIO

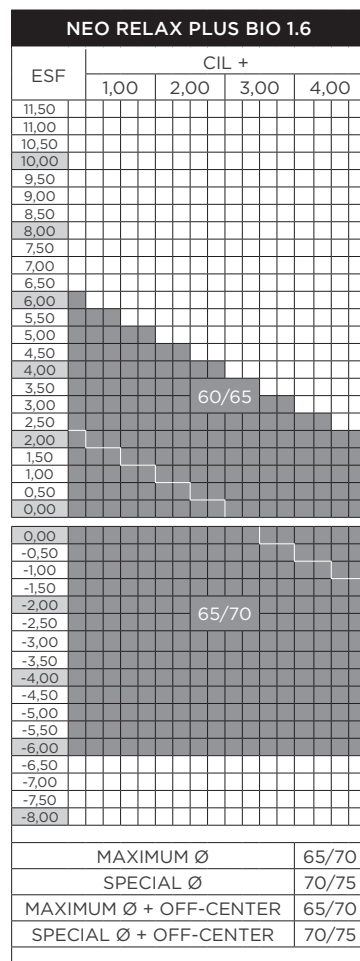
The advanced single vision lens with *freeform* design, clearly superior



If you would like to know more
about the NEO PRO design
please refer to page 233

NEO RELAX PLUS BIO

The advanced single vision lens that relaxes your vision



If you would like to know more
about the NEO RELAX PLUS
design please refer to page 298

ORGANIC PROGRESSIVES

VIMAX ADAPTATIVE
VIMAX MASTER
VIMAX INFINITY
VIMAX DEFINITION
VIMAX FIT FRM
VIMAX FIT USR
VIMAX FIT USR XS
VIMAX CLASSIC
VIMAX INI
VIMAX PRIMO
SUPPLEMENTS
IKARUS
SUPPLEMENTS

ORGANIC BIFOCALES

C28 ORGANIC
EXECUTIVE
INVISIBLE
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO PRO
EVOLTA PRO
A-TORIC
SINGLE VISION LAB

SUPPLEMENTS

EXPRESS

MINERAL LENSES

VIMAX FIT MINERAL
VIMAX FIT USR MINERAL
NEO PRO MINERAL
SINGLE VISION LAB
EXPRESS MINERAL
C28 MINERAL
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX OFFIPLUS
VIMAX SCREEN
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO RELAX PLUS
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX DRIVE
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO PRO DRIVE
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX KIDS
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO RELAX KIDS
MYOP KIDS
DEFOCUS KIDS
SUPPLEMENTS
SUPPLEMENTS
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX HIGH ADD
VIMAX POWER
VIMAX MIOPAS
SUPPLEMENTS

ORGANIC

MIOPAS
CATARACTA LAB 1.5
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX SPORT
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO PRO SPORT
EVOLTA PRO SPORT
SUPPLEMENTS

ORGANIC PROGRESSIVES

VIMAX GAMER
SUPPLEMENTS

ORGANIC SINGLE VISION

NEO PRO GAMER
SUPPLEMENTS

TECHNICAL INFORMATION

UNIVERSAL USE

WORK USE

DRIVE USE

KIDS USE

CLINICAL USE

SPORT USE

SPECIALIZED USE

TECHNICAL INFORMATION

UNIVERSAL USE
ORGANIC
PROGRESSIVES

UNIVERSAL
USE ORGANIC
SINGLE VISION

UNIVERSAL USE
BIFOCALS
ORGANICS

UNIVERSAL USE
MINERALS

WORK USE

DRIVE USE

KIDS USE

CLINICAL USE

SPORT&SUN
USE

SPECIALIZED
USE

INFO.
TECHNICAL

VISION USES

Classification of PRATS lenses according to vision uses.

Advances in the design of ophthalmic lenses have allowed us to create unique lenses not only for each individual but also for different types of use. Proof of this is that in recent years we have been incorporating new designs aimed at more specific uses.

Below we present the classification system by VISION USES:

 UNIVERSAL USE	UNIVERSAL lenses are progressive or single vision lenses, which offer optimal vision at all distances, for general visual use.	
	PROGRESSIVES	SINGLE VISION
	VIMAX ADAPTATIVE VIMAX MASTER VIMAX INFINITY VIMAX DEFINITION VIMAX FIT FRM VIMAX FIT USR VIMAX CLASSIC VIMAX INI VIMAX PRIMO	NEO PRO EVOLTA PRO
	This category also includes organic and mineral EXPRESS, SINGLE VISION, PROGRESSIVE, and BIFOCAL lenses.	

 WORK USE	WORK lenses are progressive and single vision lenses that provide the user with vision adapted to the indoor work environment, a more comfortable position in front of the computer, and, as a result, greater visual and postural comfort throughout the day.	
	PROGRESSIVES	SINGLE VISION
	VIMAX OFFIPLUS BALANCE VIMAX OFFIPLUS PC VIMAX SCREEN	NEO RELAX PLUS

 DRIVE USE	DRIVE lenses are progressive or single vision lenses designed to provide the driver with optimized fields of vision in the distance and intermediate vision zones, as well as comfortable vision with high contrast.	
	PROGRESSIVES	SINGLE VISION
	VIMAX DRIVE	NEO PRO DRIVE



CLINICAL USE

CLINICAL lenses are progressive and single vision lenses that meet a specific visual need that generally exceeds the limits of what a general-use lens usually achieves.

Each CLINICAL lens has a feature that makes it the ideal solution for a specific pathology.

PROGRESSIVES

VIMAX HIGH ADD
VIMAX MIOPAS
VIMAX POWER

SINGLE VISION

MIOPAS
CATARATA



SPORT USE

SPORT lenses are progressive and single vision lenses that take into account the visual demands required in sports practice, making them the perfect ally due to their specific design and the wide range of materials and color options.

PROGRESSIVES

VIMAX SPORT

SINGLE VISION

NEO PRO SPORT
EVOLTA PRO SPORT



KIDS USE

KIDS lenses are progressive and single vision lenses that provide solutions for various applications in pediatric clinical optometry. Their specific morphological characteristics are also taken into account in the design.

PROGRESSIVES

VIMAX KIDS

SINGLE VISION

NEO RELAX KIDS
MYOP KIDS
DEFOCUS KIDS



SUN USE

SUN lenses are progressive or single vision lenses that offer a wide variety of colors, including those that set trends, and also allow you to enjoy the sun in complete safety due to their total protection against UVA and UVB rays.

PROGRESSIVES

VIMAX ADAPTATIVE TINT
VIMAX MASTER TINT
VIMAX INFINITY TINT /POLAR
VIMAX FIT FRM TINT /POLAR
VIMAX FIT USR TINT /POLAR
VIMAX CLASSIC TINT
VIMAX INI TINT
VIMAX PRIMO TINT

SINGLE VISION

NEO PRO TINT
EVOLTA PRO TINT



SPECIALIZED USE

SPECIALIZED USE lenses are progressive and single vision lenses with a specific design, customized according to the visual needs of a particular group.

PROGRESSIVES

VIMAX GAMER

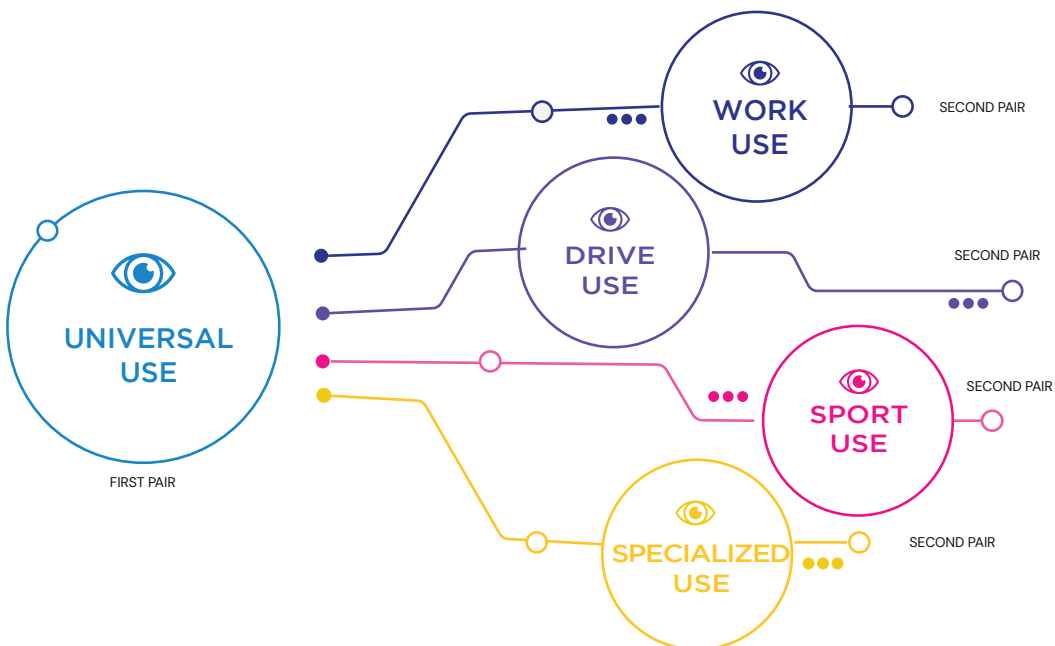
SINGLE VISION

NEO PRO GAMER

VISION PACKS PROGRESSIVE

VISION PACKS allow you to obtain a second pair of WORK, DRIVE, SPORT USE, or SPECIALIZED USE lenses with the purchase of a first pair of UNIVERSAL USE lenses.

The first single vision pairs can only be combined with second pairs of single vision lenses, and likewise, the first pairs of progressives can be combined with second pairs of progressives.



The lenses that can be combined in the VISION PACK are those detailed below, with the rest of the PRATS lenses being excluded.

VISION PACK PROGRESSIVE - FIRST PAIR

UNIVERSAL USE (FIRST PAIR LENS)	
UNIVERSAL USE lenses are progressive lenses that provide optimal vision at all distances, for general visual use.	VIMAX [®] ADAPTATIVE [*] + VIMAX BIO ADAPTATIVE
	VIMAX [®] MASTER [*]
	VIMAX [®] INFINITY [*]
	VIMAX [®] DEFINITION [*]
	VIMAX [®] FIT FRM [*]
	VIMAX [®] FIT USR/ XS [*] + VIMAX BIO FIT USR
	VIMAX [®] CLASSIC [*]
	*in all its indices and ranges.

To take advantage of the VISION PACKS offer, it is necessary that both pairs have the same Rx, are ordered on the same day through our Prats Online Web ordering program, and, in addition, the second pair must have the same reference but followed by - BIS.

VISION PACK PROGRESSIVE - SECOND PAIR

WORK USE

(SECOND PAIR LENS)

WORK USE lenses are progressive lenses that provide the user with vision adapted to the indoor work environment, a more comfortable position in front of the computer, and, as a result, greater visual and postural comfort throughout the day.

VIMAX® OFFIPLUS 1.5.

VIMAX® OFFIPLUS 1.6 | 1.6 BSS.

VIMAX® OFFIPLUS 1.67 BSS.

VIMAX® SCREEN 1.5.

VIMAX® SCREEN 1.6 | 1.6 BSS.

VIMAX® SCREEN 1.67 BSS.

DRIVE USE

(SECOND PAIR LENS)

DRIVE USE lenses are progressive lenses designed to offer the driver optimized fields of vision in the distance and intermediate vision zones, as well as comfortable vision with high contrast.

VIMAX® DRIVE 1.6 | 1.6 BSS | 1.6 TINT

VIMAX DRIVE 1.6 POLAR

SPORT USE

(SECOND PAIR LENS)

SPORT USE lenses are progressive lenses that take into account the visual demands required in sports practice, making them the perfect ally due to their specific design and the wide range of materials and color options available.

VIMAX® SPORT 1.5 TINT

VIMAX® SPORT 1.6 TINT

VIMAX SPORT 1.6 PHOTOCROM

VIMAX SPORT POLAR 1.5

VIMAX SPORT POLAR 1.6

VIMAX SPORT POLAR 1.67

SPECIALIZED USE

(SECOND PAIR LENS)

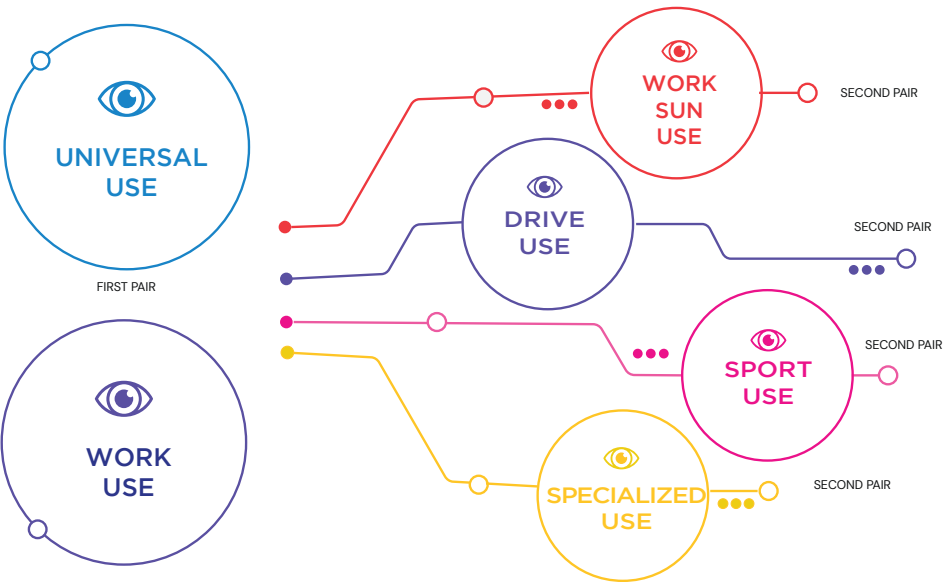
SPECIALIZED USE lenses are progressive lenses with a specific design, customized according to the visual needs of a particular group.

VIMAX® GAMER 1.6 + QUARZ GAMER + COLOR GAMER

VISION PACKS SINGLE VISION

The VISION PACKS allow you to obtain a second pair of WORK, DRIVE, SPORT or SPECIALIZED USE lenses, upon the purchase of a first pair of UNIVERSAL USE lenses.

The first single vision pairs can only be combined with second pairs of single vision, and likewise, the first pairs of progressives can be combined with second pairs of progressives.



VISION PACK SINGLE VISION - FIRST PAIR

The lenses that can be combined in the VISION PACK are those detailed below, with the rest of the PRATS lenses being excluded.

	UNIVERSAL USE (FIRST PAIR LENS)
UNIVERSAL USE lenses are single vision lenses, which offer optimal vision at all distances, for general visual use.	NEO PRO* (ORGANIC) + NEO PRO BIO
	EVOLTA PRO*
	* in all its indices and ranges.
	WORK USE (FIRST PAIR LENS)
WORK USE lenses are single vision lenses that provide the user with vision adapted to the indoor work environment, a more comfortable position in front of the computer, and, as a result, greater visual and postural comfort throughout the day.	NEO RELAX PLUS 1.6 BSS 1.67 BSS 1.6 1.67 1.6 PHOTOCHROM

To take advantage of the VISION PACKS offer, it is necessary that both pairs have the same Rx, are ordered on the same day through our Prats Online Web ordering program and, furthermore, the second pair must have the same reference but followed by – BIS.

VISION PACK SINGLE VISION - SECOND PAIR

SPORT USE

(SECOND PAIR LENS)

SPORT USE lenses are single vision lenses that take into account the visual demands required in sports practice, making them the perfect ally due to their specific design and the wide range of materials and color options available.	NEO PRO SPORT 1.5 TINT	EVOLTA PRO SPORT 1.5 TINT
	NEO PRO SPORT 1.6 TINT	EVOLTA PRO SPORT 1.6 TINT
	NEO PRO SPORT 1.6 PHOTOCROM	EVOLTA PRO SPORT 1.6 PHOTOCROM
	NEO PRO SPORT POLAR 1.5	EVOLTA PRO SPORT POLAR 1.5
	NEO PRO SPORT POLAR 1.6	EVOLTA PRO SPORT POLAR 1.6
	NEO PRO SPORT POLAR 1.67	EVOLTA PRO SPORT POLAR 1.67

DRIVE USE

(SECOND PAIR LENS)

DRIVE USE lenses are single vision lenses designed to offer the driver optimized fields of vision in the distance and intermediate vision zones, as well as comfortable vision with high contrast.	NEO PRO DRIVE 1.6 ORGADUR
	NEO PRO DRIVE 1.6 BSS ORGADUR
	NEO PRO DRIVE 1.6 TINT ORGADUR
	NEO PRO DRIVE 1.6 POLAR ORGADUR

WORK SUN USE

(SECOND PAIR LENS)

The WORK SUN USE lenses are single vision lenses that provide the user with vision adapted to the indoor work environment, a more comfortable position in front of the computer, and, as a result, greater visual and postural comfort throughout the day.	NEO RELAX PLUS 1.6 TINT
--	-------------------------

SPECIALIZED USE

(SECOND PAIR LENS)

The SPECIALIZED USE lenses are single vision lenses with a specific design, customized according to the visual needs of a particular group.	NEO PRO GAMER 1.6 + QUARZ GAMER + COLOR GAMER
---	---



UNIVERSAL USE

Progressive / Single Vision

The UNIVERSAL USE lenses are progressive or single vision lenses designed to provide users with precise and comfortable vision at all distances.

Each lens is designed and manufactured to the individual specifications of each user, and today they are the most recommended solution for extensive and prolonged use of corrective glasses.

VIMAX
ADAPTATIVE

VIMAX
MASTER

VIMAX
INFINITY

VIMAX
DEFINITION

VIMAX
FIT FRM

VIMAX
FIT USR

VIMAX
FIT USR XS

VIMAX
CLASSIC

VIMAX
INI

VIMAX
PRIMO

IKARUS

UNIVERSAL USE

Progressive / Single Vision





The progressive lens
with AI that best
adapts to you

VIMAX Adaptative is a revolutionary artificial intelligence solution that varies its design to adapt to the specific needs of the user and their frame, providing a unique optical experience designed exclusively for the user.

The real-time calculation based on all the data received from the patient, together with the application of Big Data tools, results in the optimal design for each user.

INDICATED FOR

Progressive lens users who wish to access the most current and technologically advanced solutions.

TO HIGHLIGHT

In addition to the specific data of the user and their frame, VIMAX Adaptative takes into account the patient's previous history to optimize the design and ensure the best adaptation to changes compared to their previous progressive lenses.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	
	READ Reading distance	✓
A.I. VISION ADAPT Artificial intelligence		✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 7.5 mm.

PRECALIBRATION: Faceted envelope.

MINIMUM HEIGHT: 16 mm.

RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
VIMAX Master balances.
User initials.
Facial angle.
Pantoscopic angle.
CRO
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.
Adaptative Data

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.



VIMAX[®] ADAPTATIVE

VIMAX ADAPTATIVE 1.6				
VIMAX ADAPTATIVE 1.6 TINT GRADUATED TINT				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/85			
SPECIAL Ø + OFF-CENTER	80/95			

VIMAX ADAPTATIVE 1.6 BSS				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	75/80			
SPECIAL Ø + OFF-CENTER	80/95			

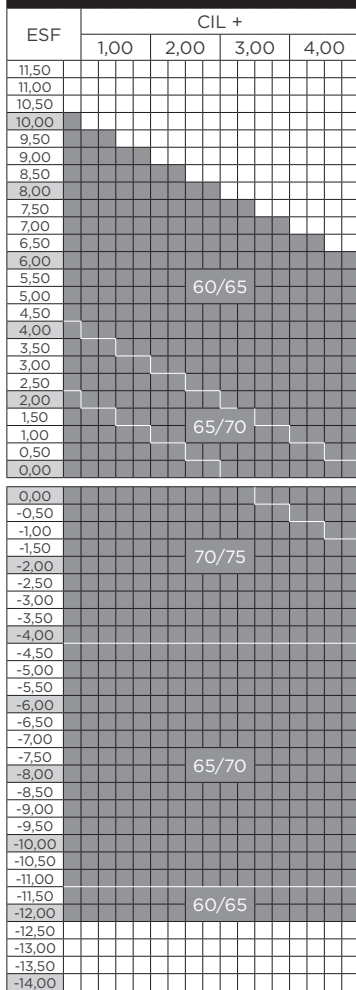
VIMAX ADAPTATIVE 1.67				
VIMAX ADAPTATIVE 1.67 BSS				
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/85			
SPECIAL Ø + OFF-CENTER	75/90			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX ADAPTATIVE 1.74

VIMAX ADAPTATIVE 1.74 BSS

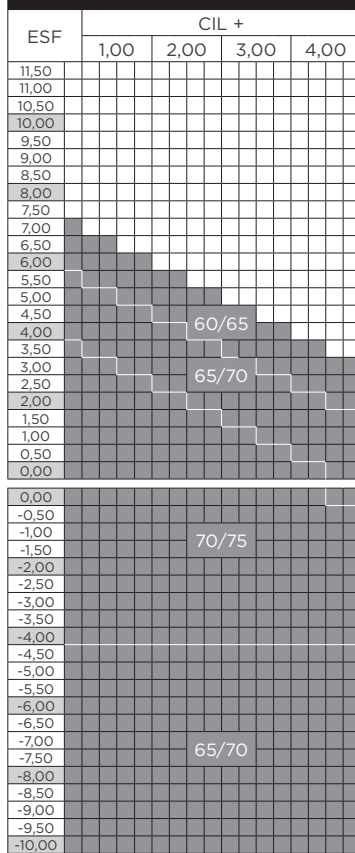
V. ADAPTATIVE TRANSITIONS 1.74



ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	70/85
SPECIAL Ø + OFF-CENTER	70/85

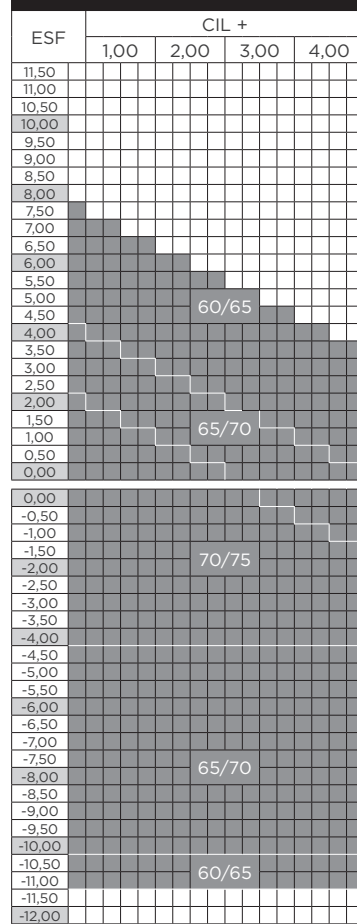
V. ADAPTATIVE PHOTOCHROM 1.6



ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/85
SPECIAL Ø + OFF-CENTER	75/90

V. ADAPTATIVE PHOTOCHROM 1.67



ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/85
SPECIAL Ø + OFF-CENTER	75/90

1.74	1.67	1.6	INDEX
33	32	42	ABBE NO.
1.47	1.35	1.30	DENSITY

**VIMAX[®]****ADAPTATIVE****V. ADAPTATIVE TRANSITIONS 1.6**

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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

V. ADAPTATIVE TRANSITIONS 1.67

ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

V. ADAPTATIVE TRANSITIONS 1.74

ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/85			
SPECIAL Ø + OFF-CENTER	70/85			

DESCRIPTION

NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.

PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER



The progressive lens
that adapts to your
lifestyle

VIMAX Master is the progressive lens from the VIMAX family offering the highest visual and adaptive performance. Each pair of VIMAX Master lenses is calculated in real time by implementing the results of the Master Questionnaire, where the user's characteristics and how they use their vision in daily activities (work, leisure, etc.) are analyzed, assessing their needs and priorities, as well as clinical aspects of their prescription.

INDICATED FOR

Users of progressive lenses who demand the highest level of quality and customization.

TO HIGHLIGHT

The lens allows the design to be individually varied for each pair of manufactured lenses, adapting it to facial parameters, the frame, as well as to the usual activities, hobbies, and visual habits of each user.



[www.vimaxlens.com/vimaxmaster/
cuestionario.html](https://www.vimaxlens.com/vimaxmaster/cuestionario.html)

The test is accessible from the website [https://
www.VIMAXlens.com/universalvision](https://www.VIMAXlens.com/universalvision)
on the **VIMAX Master** page and also from the
ordering program **PRATS OnlineWeb**.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	USE Visual balance test	✓
	CLINIC Clinical inset	✓
	READ Reading distance	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 7.5 mm.

PRECALIBRATION: Faceted envelope.

MINIMUM HEIGHT: 16 mm.

RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
VIMAX Master balances.
User initials.
Facial angle.
Pantoscopic angle.
CRO.
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.

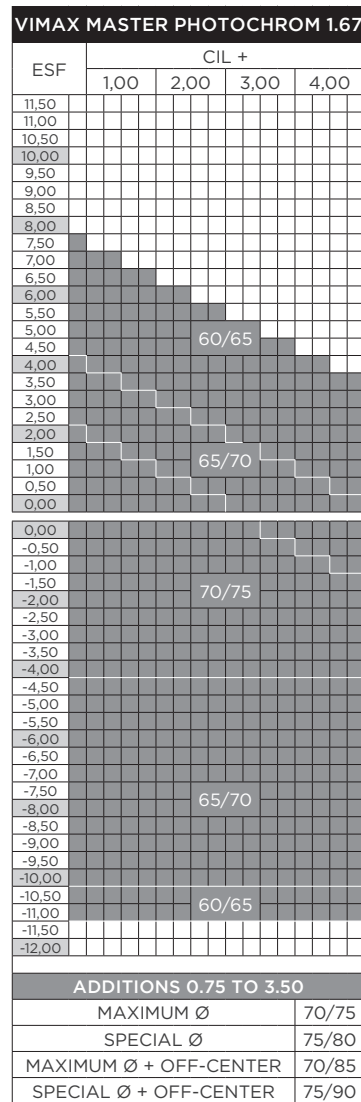
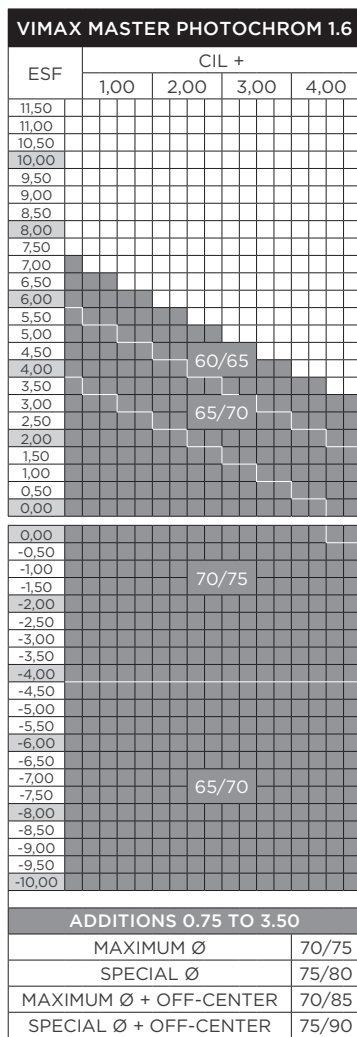
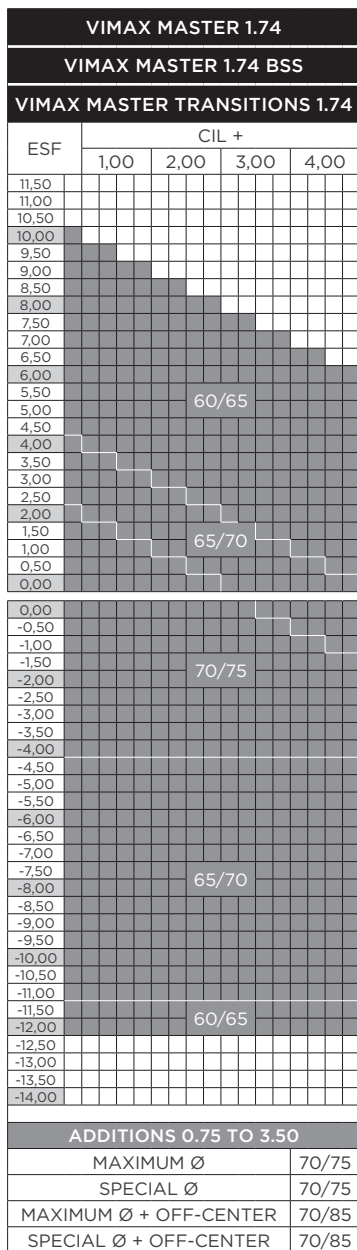
SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

VIMAX MASTER 1.6					
VIMAX MASTER 1.6 TINT GRADUATED TINT					
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/85
SPECIAL Ø + OFF-CENTER					80/95

VIMAX MASTER 1.6 BSS					
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					75/80
SPECIAL Ø + OFF-CENTER					80/95

VIMAX MASTER 1.67					
VIMAX MASTER 1.67 BSS					
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/85
SPECIAL Ø + OFF-CENTER					75/90

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	



1.74	1.67	1.6	INDEX
33	32	42	ABBE NO.
1.47	1.35	1.30	DENSITY

VIMAX MASTER TRANSITIONS 1.6				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

VIMAX MASTER TRANSITIONS 1.67				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

VIMAX MASTER TRANSITIONS 1.74				
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/85			
SPECIAL Ø + OFF-CENTER	70/85			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
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SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.



The progressive lens
that has no limits

VIMAX Infinity is the daily-use progressive lens, with all VIMAX technologies, offering the highest distance visual quality and dynamic lateral vision, free from distortions.

Calculated in real time, tailored to the user's parameters, prescription, and frame, distributing aberrations towards the lower area of the lens and away from the progression corridor.

INDICATED FOR

Progressive lens users with high demands for distance vision, such as those whose main activities are outdoors and who require excellent distance vision while maintaining good vision at other distances

TO HIGHLIGHT

It provides comfortable lateral vision at distances greater than 1 meter.
The aberrations are located at very extreme gaze angles.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading distance	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
User initials.
Facial angle.
Pantoscopic angle.
CRO.
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.

VIMAX INFINITY 1.5				
VIMAX INFINITY 1.5 TINT GRADUATED TINT AND MIRROR TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

VIMAX INFINITY 1.6				
VIMAX INFINITY 1.6 TINT GRADUATED TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

VIMAX INFINITY 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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10,50				
10,00				
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX INFINITY 1.67					
VIMAX INFINITY 1.67 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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-12,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					75/86

VIMAX INFINITY 1.74					
VIMAX INFINITY 1.74 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					70/75
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					70/81

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

VIMAX INFINITY PHOTOCHROM 1.5

ESF	CIL +			
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/86		

VIMAX INFINITY PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/86		

V. INFINITY PHOTOCHROM 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/86		

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX INFINITY POLAR 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				72/77
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				72/83

VIMAX INFINITY POLAR 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				80/85
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				80/91

VIMAX INFINITY POLAR 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				75/86

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

VIMAX INFINITY TRANSITIONS 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				70/81

VIMAX INFINITY TRANSITIONS 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				70/81

VIMAX INFINITY TRANSITIONS 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				70/81

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.

PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER

VIMAX INFINITY TRANSITIONS 1.74

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	70/81



The progressive lens
designed for the
digital world

VIMAX Definition is the daily-use progressive lens with all VIMAX technologies, whose design expands and strengthens the intermediate vision area, while also improving the near vision field. It is the universal-use progressive lens, calculated in real time according to the user's parameters, prescription, and frame, which best meets the visual needs of digital presbyopes.

INDICATED FOR

Presbyopes who are intensive users of digital devices.

TO HIGHLIGHT

VIMAX Definition provides 15% more field in intermediate and near vision than a Universal *freeform* progressive lens.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading distance	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
User initials.
Facial angle.
Pantoscopic angle.
CRO.
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.

VIMAX DEFINITION 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-9,50				
-10,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

VIMAX DEFINITION 1.6				
VIMAX DEFINITION 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00			60/65	
3,50				
3,00			65/70	
2,50				
2,00				
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50				
-1,00				
-1,50			70/75	
-2,00				
-2,50				
-3,00				
-3,50				
-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
-6,50				
-7,00				
-7,50			65/70	
-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
1.6 ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				80/85
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				80/91
1.6 BSS - ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				80/91

VIMAX DEFINITION 1.67				
VIMAX DEFINITION 1.67 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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9,50				
9,00				
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-11,00				
-11,50				
-12,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	75/86			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX DEFINITION 1.74

VIMAX DEFINITION 1.74 BSS

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
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-12,00				
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-13,00				
-13,50				
-14,00				

ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	70/81

VIMAX DEFINITION PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.00

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	75/86

VIMAX DEFINITION PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
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10,00				
9,50				
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ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	75/86

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

VIMAX DEFINITION PHOTOCH. 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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-12,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				75/86

V. DEFINITION TRANSITIONS 1.5

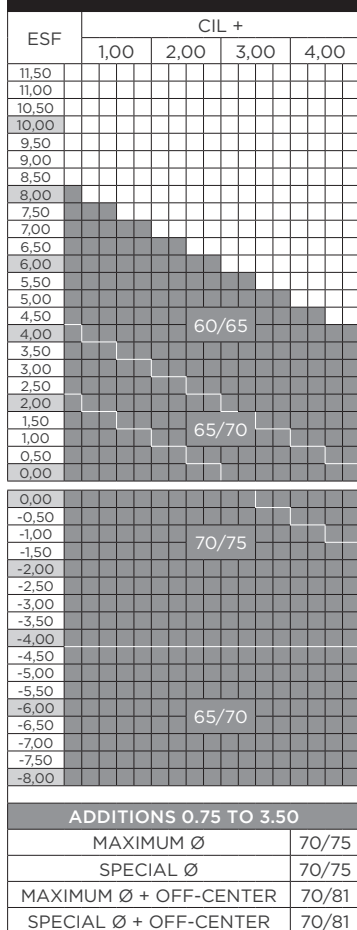
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				70/81

VIMAX DEFINITION TRANSITIONS 1.6

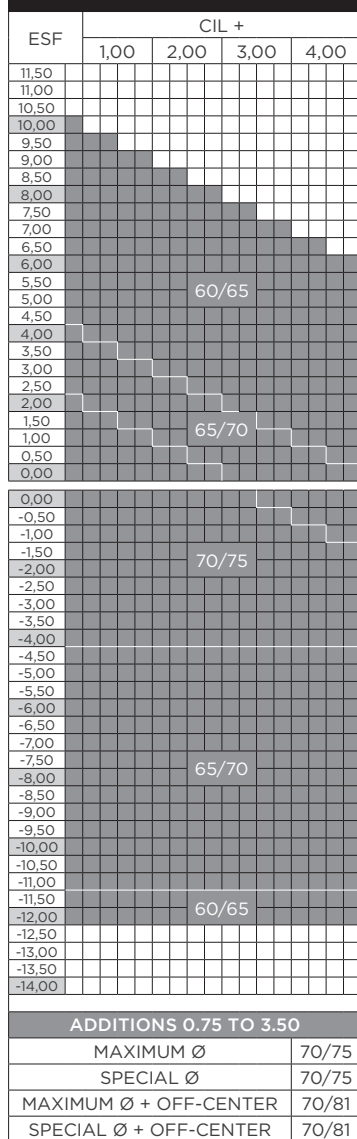
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/81
SPECIAL Ø + OFF-CENTER				70/81

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX DEFINITION TRANSITIONS 1.67



VIMAX DEFINITION TRANSITIONS 1.74



1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY



The progressive lens that
adapts to the user and
their frame

VIMAX Fit FRM brings the highest degree of freedom in frame selection to the VIMAX family, as it incorporates frame parameters, allowing a facial angle value of up to 25° without altering the quality of vision. Furthermore, with the integration of Double Gradient technology, it is possible to manufacture the lens with a variation in both axis and power, in near astigmatism compared to distance, while also increasing the quality of the perceived image at all distances.

INDICATED FOR

Users of high-performance progressive lenses who seek a personalized design, adapted to their physiognomy and their frame, including those with special geometry (curved or with strong pantoscopic tilt).

TO HIGHLIGHT

Thanks to the applied technologies, maximum efficiency in visual integration is achieved, along with the highest image quality throughout the entire range. It ensures 100% thickness optimization at all points of the lens, through a faceted Enveloping pre-calibration.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading distance	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION HEIGHT

DECENTRATION: Variable up to 5.5 mm.

PRECALIBRATION: Faceted envelope.

MINIMUM HEIGHT: 16 mm.

RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
User initials.
Facial angle.
Pantoscopic angle.
CRO.
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.

VIMAX FIT FRM 1.5				
VIMAX FIT FRM 1.5 TINT GRADUATED TINT AND MIRROR TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-10,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

VIMAX FIT FRM 1.6				
VIMAX FIT FRM 1.6 TINT GRADUATED TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

VIMAX FIT FRM 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT FRM 1.67					
VIMAX FIT FRM 1.67 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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-12,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					75/86

VIMAX FIT FRM 1.74					
VIMAX FIT FRM 1.74 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					70/75
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					70/81

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

VIMAX FIT FRM PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/86		

VIMAX FIT FRM PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/78		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/84		

VIMAX FIT FRM PHOTOCHROM 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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-12,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/81		
SPECIAL Ø + OFF-CENTER		75/86		

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT FRM POLAR 1.5

VIMAX FIT FRM DRIVEWEAR 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
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3,00				
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-10,00				

POLAR 1.5 ADDITIONS 0.75 TO 3.00

MAXIMUM Ø	70/75
SPECIAL Ø	72/77
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	72/83

DRIVEWEAR ADD 0.75 TO 3.00

MAXIMUM Ø	70/75
SPECIAL Ø	72/77
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	72/83

VIMAX FIT FRM POLAR 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
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ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	80/85
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	80/91

VIMAX FIT FRM POLAR 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
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-12,00				

ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	75/86

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

VIMAX FIT FRM TRANSITIONS 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
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-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

VIMAX FIT FRM TRANSITIONS 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
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-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

VIMAX FIT FRM TRANSITIONS 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
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-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT FRM TRANSITIONS 1.74

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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9,50				
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8,50				
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-12,00				
-12,50				
-13,00				
-13,50				
-14,00				

ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	70/81



The progressive lens
most comfortable

The technologies applied in VIMAX Fit USR make this progressive lens a high-performance lens. Calculated in real time according to the user's refraction and physiognomy data, and with the incorporation of technologies that achieve optimal integration of binocular vision at all distances.

INDICATED FOR

Users of progressive lenses who are seeking a lens with a personalized design, adapted to their physiognomy, balanced in the three fields of vision, and easy and quick to adapt to.

TO HIGHLIGHT

Lens developed based on clinical studies focused on the user experience. The applied technologies provide a more gradual and comfortable optical path, eliminating lateral aberrations.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.

VIMAX FIT USR 1.5					
VIMAX FIT USR 1.5 TINT GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
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8,50					
8,00					
7,50					
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-10,00					
ADDITIONS 0.75 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					70/75
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					70/75

VIMAX FIT USR 1.6					
VIMAX FIT USR 1.6 TINT GRADUATED TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
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-9,50					
-10,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					75/80

VIMAX FIT USR 1.67					
VIMAX FIT USR 1.67 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
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9,50					
9,00					
8,50					
8,00					
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-12,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					75/80

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT USR 1.74					
VIMAX FIT USR 1.74 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
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-14,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					70/80

1.67	1.6	1.5	1.5	INDEX
32	42	43.3	58	ABBE NO.
1.35	1.30	1.21	1.32	DENSITY

VIMAX FIT USR PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		75/80		

VIMAX FIT USR PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		75/80		

VIMAX FIT USR PHOTOCHROM 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
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-12,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		75/80		

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT USR POLAR 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
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POLAR 1.5 ADDITIONS 0.75 TO 3.00	
MAXIMUM Ø	70/75
SPECIAL Ø	72/77
MAXIMUM Ø + OFF-CENTER	70/75
SPECIAL Ø + OFF-CENTER	72/77

VIMAX FIT USR POLAR 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
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-9,50				
-10,00				

ADDITIONS 0.75 TO 3.50	
MAXIMUM Ø	70/75
SPECIAL Ø	80/85
MAXIMUM Ø + OFF-CENTER	70/75
SPECIAL Ø + OFF-CENTER	80/85

VIMAX FIT USR POLAR 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
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-11,00				
-11,50				
-12,00				

ADDITIONS 0.75 TO 3.50	
MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/75
SPECIAL Ø + OFF-CENTER	75/80

1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY

VIMAX FIT USR TRANSITIONS 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
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-5,50				
-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	70/75			

VIMAX FIT USR TRANSITIONS 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
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-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	70/75			

VIMAX FIT USR TRANSITIONS 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
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-5,00				
-5,50				
-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	70/81			

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT USR TRANSITIONS 1.74

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
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-10,00				
-10,50				
-11,00				
-11,50				
-12,00				
-12,50				
-13,00				
-13,50				
-14,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY



The progressive lens
for small frames

VIMAX Fit USR XS retains all the advantages of the VIMAX Fit USR design, with ultra-short corridors to adapt to narrow frames.

INDICATED FOR

Presbyopic users of narrow frames who are seeking a lens with a personalized design, adapted to their physiognomy, balanced in the three fields of vision, and easy and quick to adapt to.

TO HIGHLIGHT

Corridors from 12 mm to 13.5 mm in 0.5 mm increments.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (12 to 13.5)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 14 mm.
RECOMMENDED MINIMUM HEIGHT: 16 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.



VIMAX[®] FIT USR XS

VIMAX FIT USR XS 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
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-8,50				
-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	70/75			

VIMAX FIT USR XS 1.6 TINT GRADUATED TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
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-8,50				
-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	70/75			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	70/75			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX FIT USR XS 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00			60/65	
3,50				
3,00			65/70	
2,50				
2,00				
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50				
-1,00				
-1,50			70/75	
-2,00				
-2,50				
-3,00				
-3,50				
-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
-6,50				
-7,00			65/70	
-7,50				
-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø			70/75	
SPECIAL Ø			70/75	
MAXIMUM Ø + OFF-CENTER			70/75	
SPECIAL Ø + OFF-CENTER			70/75	

1.6	INDEX
42	ABBE NO.
1.30	DENSITY



The progressive
lens with superior
vision quality

VIMAX Classic is the lens of size and *freeform* design, calculated in real time based on the user's parameters, providing an optimized result for each case, tailored to the exact prescription of each individual and the chosen base.

INDICATED FOR

Users of progressive lenses who are seeking a personalized lens, a unique combination of technology, adaptability, and innovation.

TO HIGHLIGHT

Perfect adaptation to your progression from distance vision to the exact point of convergence, offering easy, wide, comfortable, and clear vision.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.

VIMAX CLASSIC 1.5				
VIMAX CLASSIC 1.5 TINT GRADUATED TINT AND MIRROR TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
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-8,00				
VIMAX C 1.5 ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø		70/75		
SPECIAL Ø		70/75		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		70/75		

VIMAX CLASSIC 1.6				
VIMAX CLASSIC 1.6 TINT GRADUATED TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
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8,00				
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-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		75/80		

VIMAX CLASSIC 1.67				
VIMAX CLASSIC 1.67 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
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9,50				
9,00				
8,50				
8,00				
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-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø		70/75		
SPECIAL Ø		75/80		
MAXIMUM Ø + OFF-CENTER		70/75		
SPECIAL Ø + OFF-CENTER		75/80		

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX CLASSIC 1.74				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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9,50				
9,00				
8,50				
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-13,50				
-14,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	70/80			

1.6	1.5	1.5	INDEX
42	43.3	58	ABBE NO.
1.30	1.21	1.32	DENSITY

VIMAX CLASSIC PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				75/80

VIMAX CLASSIC PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				75/80

VIMAX CLASSIC 1.67 PHOTO

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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10,00				
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-13,50				
-14,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				70/80

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX CLASSIC TRANSITIONS 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00				
1,50				
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-5,50				
-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				70/75

VIMAX CLASSIC TRANSITIONS 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00				
1,50				
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-5,00				
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-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø				70/75
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				70/75

1.6	1.5	1.5	INDEX
42	43.3	58	ABBE NO.
1.30	1.21	1.32	DENSITY



The progressive lens
with first-level
customization

VIMAX Ini is the advanced progressive lens of size and *freeform* design, calculated in real time according to the user's parameters and prescription, with a first level of optimization that improves balance in the three fields of vision.

INDICATED FOR

Users of progressive lenses who wish to access an advanced quality design.

TO HIGHLIGHT

It offers a first level of optimization with adjustment in the standard usage position, and with individualized inset calculation based on the user's prescription and PD.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Fixed corridor	14 - 16 - 18
	INSET Variable inset	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATION: Standard prelipse.
MINIMUM HEIGHT: 16/19/21 mm.
RECOMMENDED MINIMUM HEIGHT: 18/20/22 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Corridor: 14 or 16 or 18 mm.

VIMAX INI 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
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-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

VIMAX INI 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
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-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX INI 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
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-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
ADDITIONS 1.00 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					75/80

VIMAX INI 1.67					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
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-6,50					
-7,00					
-7,50					
-8,00					
ADDITIONS 1.00 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					75/80

1.6	1.5	1.5	INDEX
42	43.3	58	ABBE NO.
1.30	1.21	1.32	DENSITY

VIMAX INI 1.5 TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
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-9,00				
-9,50				
-10,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

VIMAX INI 1.6 TINT GRADUATED TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
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-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX INI PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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9,50				
9,00				
8,50				
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-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				75/80

VIMAX INI PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
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-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				75/80

1.6	1.5	INDEX
42	58	ABBE NO.
1.30	1.32	DENSITY



The quality progressive lens
for young presbyopes

VIMAX Primo is a progressive lens of size and *freeform* design, calculated in real time according to the user's exact prescription, which fulfills the principle of Maximum Adaptability, and allows inexperienced users to enter the world of progressive lenses with an adaptation guarantee.

INDICATED FOR

Young presbyopes who are beginning to use progressives and are seeking a quality lens.

TO HIGHLIGHT

Calculated in real time based on the exact data of the user's prescription and with inset calculation based on said prescription.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	14 – 18
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATION: Standard prelipse.
MINIMUM HEIGHT: 16/21 mm.
RECOMMENDED MINIMUM HEIGHT: 18/22 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Corridor: 14 or 18 mm.

VIMAX PRIMO 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
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-7,00					
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-8,00					
ADDITIONS 1.00 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					70/75
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					70/75

VIMAX PRIMO 1.5 TINT GRADAL TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
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-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
ADDITIONS 1.00 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					70/75
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					70/75

VIMAX PRIMO 1.6					
VIMAX PRIMO 1.6 TINT GRADUATED TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
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-7,00					
-7,50					
-8,00					
ADDITIONS 1.00 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/75
SPECIAL Ø + OFF-CENTER					75/80

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX PRIMO PHOTOCHROM 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
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-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/75
SPECIAL Ø + OFF-CENTER				75/80

1.6	1.5	1.5	INDEX
42	43.3	58	ABBE NO.
1.30	1.21	1.32	DENSITY

SUPPLEMENTS VIMAX®

SUPPLEMENTS	VIMAX® ADAPTATIVE		VIMAX® MASTER		VIMAX® INFINITY		VIMAX® DEFINITION		VIMAX® FIT FRM	
	B	F	B	F	B	F	B	F	B	F
B=White F=Photochromic										
ORGADUR										
QUARZ AIRON ^{UV}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ SUN	✓		✓		✓				✓	
PRATS MIRRORED	✓		✓		✓				✓	
UNITONE	✓		✓		✓		✓		✓	
GRADAL	✓		✓		✓		✓		✓	
BI-GRADAL	✓		✓		✓		✓		✓	
URBAN COLORS	✓		✓		✓		✓		✓	
NEURO COLORS	✓		✓		✓		✓		✓	
AS SAMPLE*	✓		✓		✓		✓		✓	
CSR QUARZ BI					✓	✓***	✓	✓***	✓	✓***
CSR QUARZ AI	✓	✓***	✓	✓***	✓	✓***	✓	✓***	✓	✓***
CSR 2A -2B QUARZ BI	✓		✓		✓		✓		✓	
CSR 2A -2B QUARZ AI	✓		✓		✓		✓		✓	
CSR SOL QUARZ BI	✓		✓		✓		✓		✓	
CSR SOL QUARZ AI	✓		✓		✓		✓		✓	
PRATS FILTERS	✓		✓		✓		✓		✓	
UV FILTER					✓		✓		✓	
SPECIAL THICKNESS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 6.25 TO 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRISM UP TO 5 DP **	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRISM 5.25-10DP**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRE-CALIBRATED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECENTRATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL DIAMETER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ICONIC TOUCH†	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Quarz Solutions treatments are recommended (applied to both sides of the lens in all cases).
- All manufactured lenses with index 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- For additional prisms, decentrations, and cylinders greater than 6.00 diopters., it is recommended to consult the possibility of manufacturing.
- Mirror treatment only on the external side. Quartz + mirror coating cannot be ordered on the same lens.
- Blue Safe System (BSS) in 1.67 and 1.74 does not allow tinting.
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.

Continued on next page

SUPPLEMENTS	VIMAX® FIT USR		VIMAX® FIT U. XS	VIMAX® CLASSIC		VIMAX® INI		VIMAX® PRIMO	
B=White F=Photochromic	B	F	B	B	F	B	F	B	F
ORGADUR								✓	
QUARZ AIRON ^{UV}	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ SUN	✓		✓	✓		✓		✓	
PRATS MIRRORED	✓		✓	✓					
SOLID COLOR	✓		✓	✓		✓		✓	
GRADAL	✓		✓	✓		✓			
BI-GRADAL	✓		✓	✓		✓			
URBAN COLORS	✓		✓	✓		✓			
NEURO COLORS	✓		✓	✓		✓			
AS SAMPLE*	✓		✓	✓		✓			
CSR QUARZ BI	✓	✓***	✓	✓	✓***	✓	✓***		
CSR QUARZ AI	✓	✓***	✓	✓	✓***	✓	✓***		
CSR 2A -2B QUARZ BI	✓		✓	✓		✓		✓	
CSR 2A -2B QUARZ AI	✓		✓	✓		✓		✓	
CSR SOL QUARZ BI	✓		✓	✓		✓		✓	
CSR SOL QUARZ AI	✓		✓	✓		✓		✓	
PRATS FILTERS	✓		✓	✓		✓			
UV FILTER	✓		✓	✓		✓			
SPECIAL THICKNESS	✓	✓	✓	✓	✓	✓	✓		
SPECIAL BASE	✓	✓	✓	✓	✓	✓	✓		
CYL 4.25 TO 6	✓	✓	✓	✓	✓	•	•		
CYL 6.25 TO 10	✓	✓	✓	✓	✓	•	•		
PRISM UP TO 5 DP**	✓	✓	✓	✓	✓	✓	✓		
PRISM 5.25-10DP**	✓	✓	✓	✓	✓	✓	✓		
PRE-CALIBRATED	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓	✓	✓	✓		
DECENTRATION	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL DIAMETER									
ICONIC TOUCH*	✓	✓	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- ...
- The 1.74 lens does not allow tinting. 1.74 index lenses with residual absorption of 11%. Not recommended for drilling.
 - Tinted lenses delivery time 1 week. Mirrored lenses delivery time approx. 10 days.
 - Light shades: 10-20-35-60%. Dark shades: 80-90-95%.
 - *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
 - **Consult the possibility of manufacturing according to refractive index.
 - *** PhotoChrom lenses available with CSR Quarz BI / AI treatment



ÍKARUS 
tu libertad visual



ÍKARUS is the new family
of progressive lenses from
PRATS

The ÍKARUS lens family has been created so that progressive lens users experience true freedom of vision in the most common daily situations, with total adaptation and absolute comfort.

ÍKARUS features new technologies developed from PRATS' extensive experience in the design, manufacturing, and customization of freeform progressive lenses.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

FREEFORM ASPHERIC MAPPING

After years of experience and leadership in *freeform* design, we have created the *freeform* Aspheric Mapping technology, through which we calculate the personalized design of each lens and manufacture it point by point with absolute precision.

FREE BALANCE PERFORM

The balance between distance, intermediate, and near fields is a fundamental aspect of user comfort with their progressive lens. With Free Balance Perform technology, we use an exclusive algorithm to balance the performance of each field.

CURVE REDUCTION SYSTEM

In the design of any progressive lens, aberration curves are the main cause of adaptation issues. With Curve Reduction System technology, we control and reduce aberration curves, minimizing their impact.

MULTI FITTING PROCESS

With the Multi Fitting Process, we not only incorporate all the user's and frame's distance and angle parameters into the lens design, but we also apply a compensation calculation to the design according to the parameters entered.

ÍKARUS®

tu libertad visual

ÍKARUS® PLUS

FREEFORM
ASPHERIC
MAPPING

FREE
BALANCE
PERFORM

CURVE
REDUCTION
SYSTEM

MULTI
FITTING
PROCESS

The progressive lens that features all next-generation technologies for users who demand the best visual performance, comfort, and adaptation to their morphological characteristics.

ÍKARUS® SUP

FREEFORM
ASPHERIC
MAPPING

FREE
BALANCE
PERFORM

CURVE
REDUCTION
SYSTEM

The ideal progressive lens for those users who seek the best visual performance and comfortable, quick adaptation to their new progressive lens.

ÍKARUS® XTRA

FREEFORM
ASPHERIC
MAPPING

FREE
BALANCE
PERFORM

The progressive lens with the best balance between visual performance and comfort in daily use, thanks to Free Balance *Freeform technology*.

ÍKARUS®

FREEFORM
ASPHERIC
MAPPING

The progressive lens manufactured with the most advanced *freeform* technology, offering presbyopic users the highest precision in progressive lens design manufacturing.

All ÍKARUS ranges are available in the usual materials, colors, and treatments without additional supplement costs.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

IKARUS PLUS

IKARUS PLUS 1.5					
IKARUS PLUS 1.5 TINT GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/86

IKARUS PLUS 1.6					
IKARUS PLUS 1.6 TINT GRADAL TINT					
IKARUS PLUS 1.6 BSS					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/85
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/91

IKARUS PLUS 1.67					
IKARUS PLUS 1.67 BSS					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/86

1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY

ÍKARUS[®] PLUS

ÍKARUS PLUS 1.74					
ÍKARUS PLUS 1.74 BSS					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/86

ÍKARUS PLUS PHOTOCHROM 1.5					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/86

ÍKARUS PLUS PHOTOCHROM 1.6					
ESF	CIL +				
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ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/78
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/84

1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

IKARUS PLUS PHOTOCROM 1.67

ESF	CIL +			
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ADDITIONS 0.75 TO 3.50	
MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	80/86

IKARUS PLUS POLAR 1.5

ESF	CIL +			
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ADDITIONS 0.75 TO 3.00	
MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	80/86

IKARUS PLUS POLAR 1.6

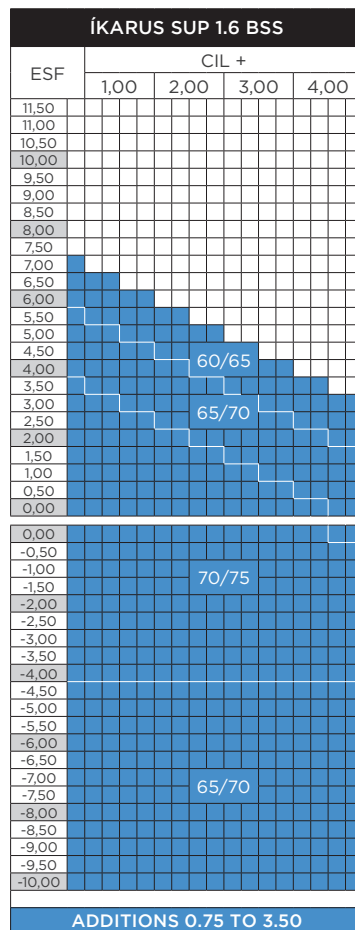
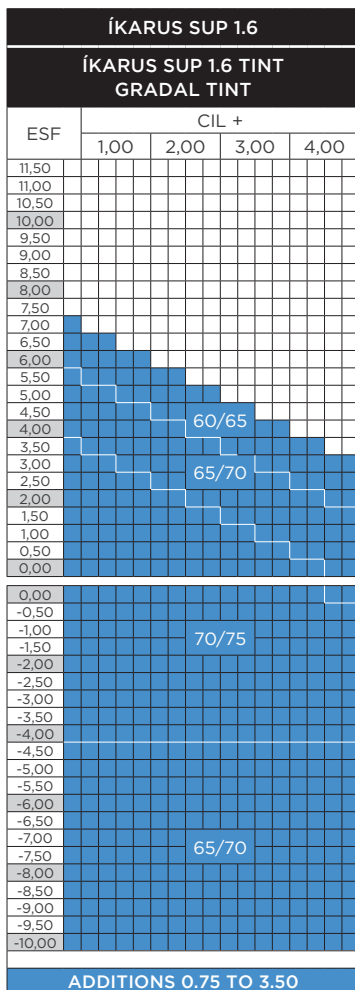
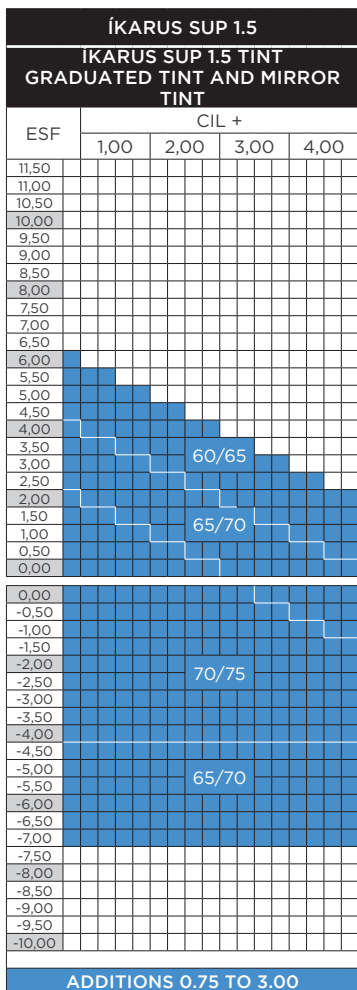
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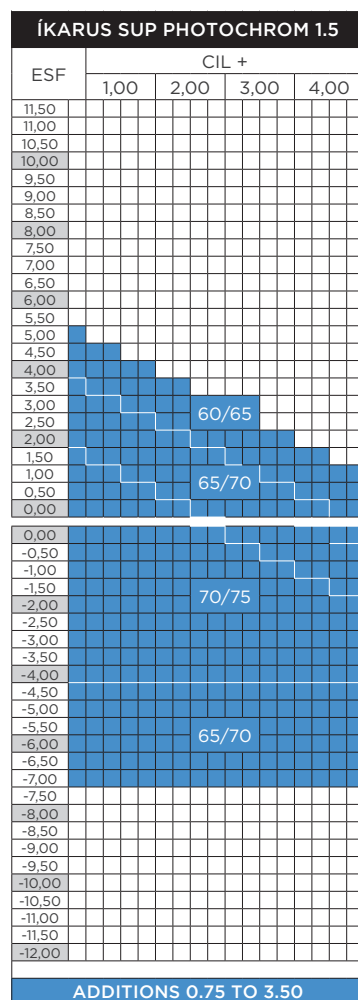
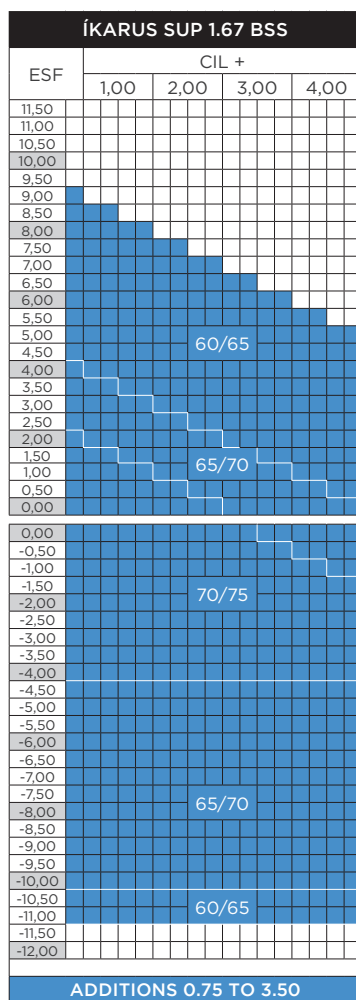
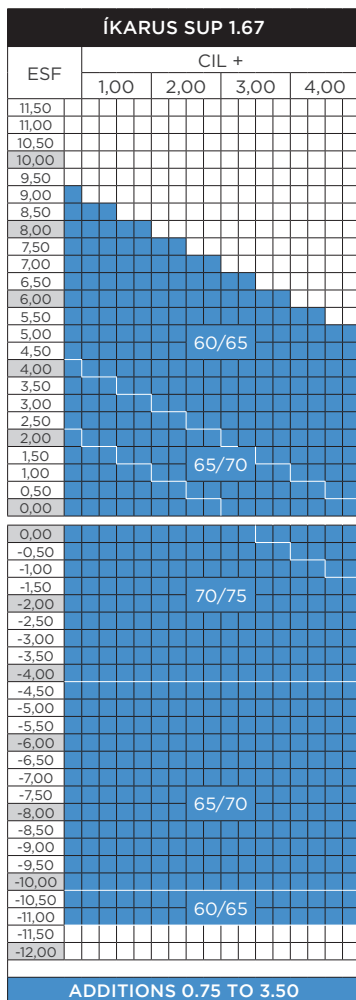
ADDITIONS 0.75 TO 3.50	
MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	80/86

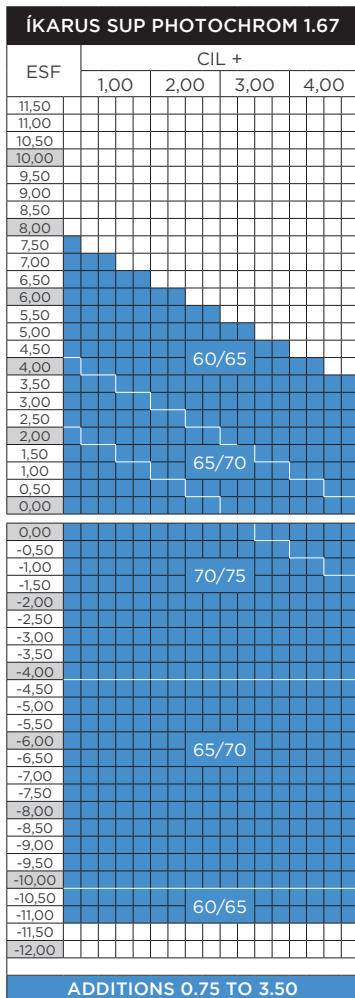
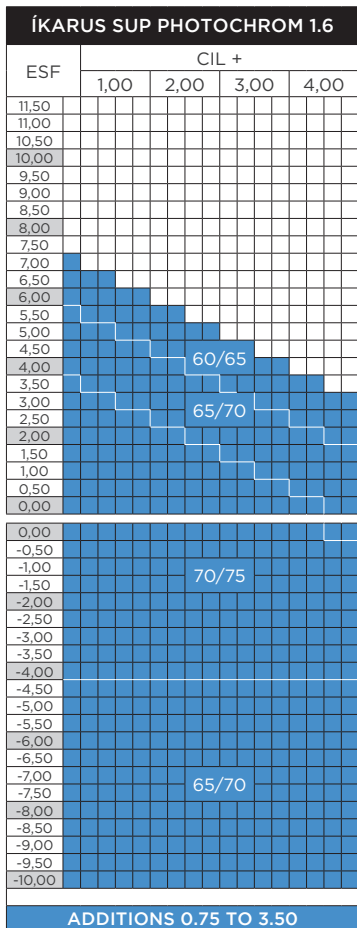
IKARUS PLUS POLAR 1.67

ESF	CIL +			
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ADDITIONS 0.75 TO 3.50	
MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/81
SPECIAL Ø + OFF-CENTER	80/86







İKARUS[®] XTRA

İKARUS XTRA 1.5				
İKARUS XTRA 1.5 TINT GRADUATED TINT AND MIRROR TINT				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.00

İKARUS XTRA 1.6				
İKARUS XTRA 1.6 TINT GRADAL TINT				
İKARUS XTRA 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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ADDITIONS 0.75 TO 3.50

İKARUS XTRA 1.67				
İKARUS XTRA 1.67 BSS				
ESF	CIL +			
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ADDITIONS 0.75 TO 3.50

VIMAX
ADAPTATIVE

VIMAX
MASTER

VIMAX
INFINITY

VIMAX
DEFINITION

VIMAX
FIT FRM

VIMAX
FIT USR

VIMAX
FIT USR XS

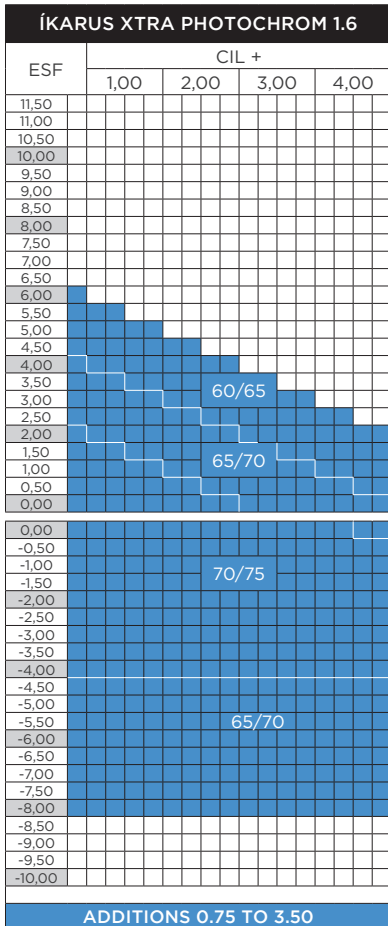
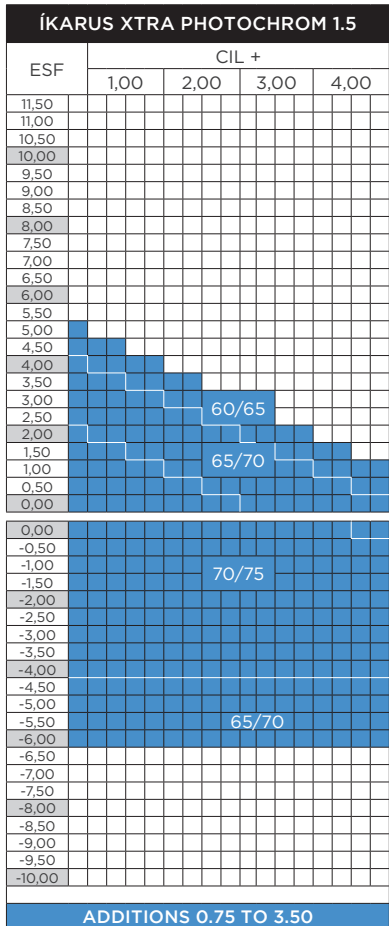
VIMAX
CLASSIC

VIMAX
INI

VIMAX
PRIMO

İKARUS

ÍKARUS XTRA



ÍKARUS 1.5					
IKARUS 1.5 TINT GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
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-9,50					
-10,00					
ADDITIONS 0.75 TO 3.00					

ÍKARUS 1.6					
IKARUS 1.6 TINT GRADAL TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
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-9,50					
-10,00					
ADDITIONS 0.75 TO 3.50					

SUPPLEMENTS ÍKARUS®

SUPPLEMENTS	ÍKARUS® PLUS		ÍKARUS® SUP		ÍKARUS® XTRA		ÍKARUS®
	B	F	B	F	B	F	B
ORGADUR							
QUARZ AIRON ^{UV}	✓	✓	✓	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓	✓	✓	✓
QUARZ SUN	✓	✓	✓	✓	✓	✓	✓
SOLID COLOR	✓	✓	✓	✓	✓	✓	✓
GRADAL	✓	✓	✓	✓	✓	✓	✓
BI-GRADAL	✓	✓	✓	✓	✓	✓	✓
URBAN COLORS	✓	✓	✓	✓	✓	✓	✓
NEURO COLORS	✓	✓	✓	✓	✓	✓	✓
AS SAMPLE*							
PRATS FILTERS							
UV FILTER							
SPECIAL THICKNESS							
SPECIAL BASE							
CYL 4.25 TO 6							
CYL 6.25 TO 10							
PRISM UP TO 5 DP							
PRISM 5.25-10DP							
OUT OF STANDARD							
DECENTRATION							
SPECIAL DIAMETER							
ICONIC TOUCH®	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Quarz Solutions treatments are recommended (applied to both sides of the lens in all cases).
- Mirror treatment only on the external side. It is not possible to request Quarz + Mirror treatment on the same lens.
- All manufactured lenses with index 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror)
- Due to binocular calculation, for replacements of only one eye, it is essential to provide the prescription of the contralateral eye.
- The 1.74 lens does not allow tinting. 1.74 index lenses with residual absorption of 11%. Not recommended for drilling.
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.



NEO
PRO

EVOLTA
PRO

A-TORIC

MONOFOCAL
LAB

MONOFOCAL
EXPRESS

UNIVERSAL USE
Organic single vision



The advanced single vision
lens with *freeform design*
clearly superior

Neo Pro is the *freeform* single vision lens calculated point by point, to compensate for aberrations that occur in gaze positions other than the primary one, also taking into account individual usage position parameters. The Pro design provides a wider, more precise, and more relaxed vision with any prescription (spherical or astigmatic) and for any task performed.

INDICATED FOR

Single vision lens users seeking superior optical quality, optimized peripheral vision, and maximum performance in any activity and under any lighting conditions.

TO HIGHLIGHT

The advantages will be much better perceived by users whose prescription exceeds 3 diopters, adding cylinder and sphere, or with prescriptions starting from 1 diopter with facial angles greater than 8°. The design adapts to the parameters of the frame.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.

ORDER DATA

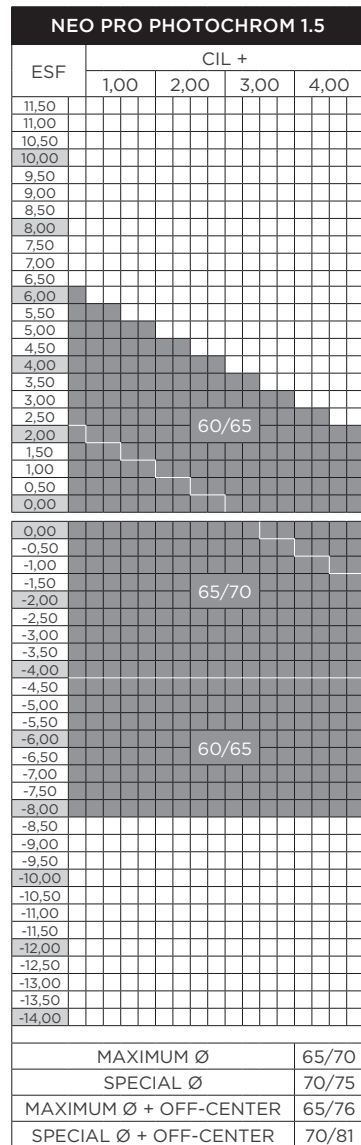
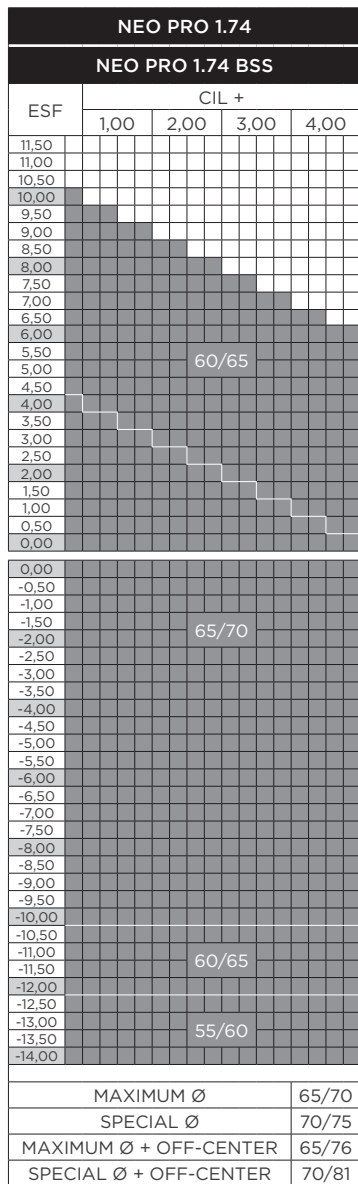
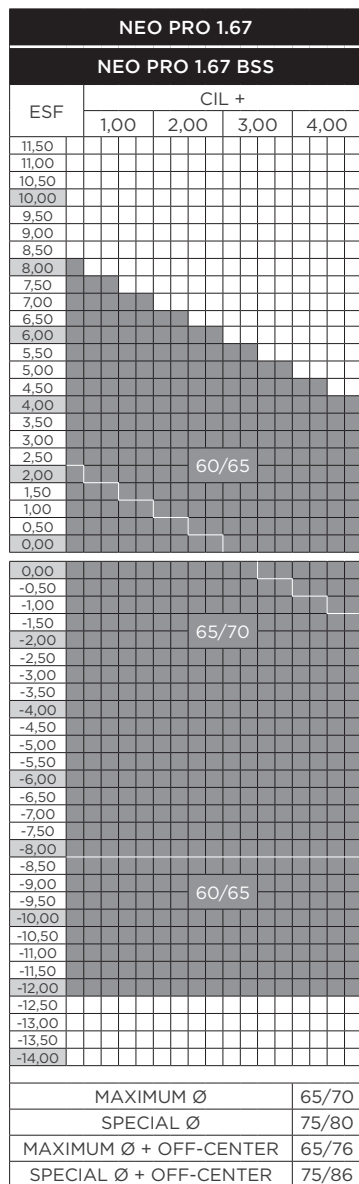
Interpupillary distance.
 Pupil height.
 Facial angle.
 Pantoscopic angle.
 CRO
 Vertex distance.
 Frame base.

NEO PRO 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
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10,00				
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-10,00				
MAXIMUM Ø				65/70
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				70/81

NEO PRO 1.5 TINT GRADUATED TINT AND MIRROR TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-10,00				
MAXIMUM Ø				65/70
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				70/81

NEO PRO 1.6				
NEO PRO 1.6 TINT GRADUATED TINT				
NEO PRO 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
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MAXIMUM Ø				65/70
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				75/86

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	



1.74	1.67	1.6	1.5	1.5	INDEX
33	32	42	43.3	58	ABBE NO.
1.47	1.35	1.30	1.21	1.32	DENSITY

NEO PRO PHOTOCHROM 1.6

ESF	CIL +			
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-10,00				
MAXIMUM Ø				65/70
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				70/81

NEO PRO PHOTOCHROM 1.67

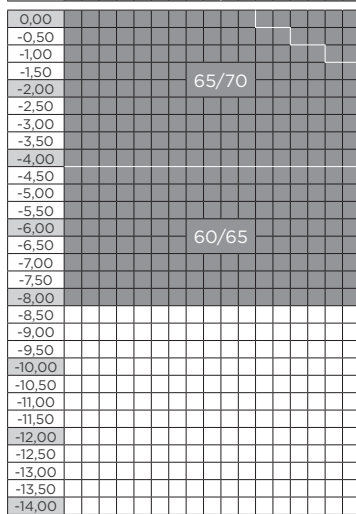
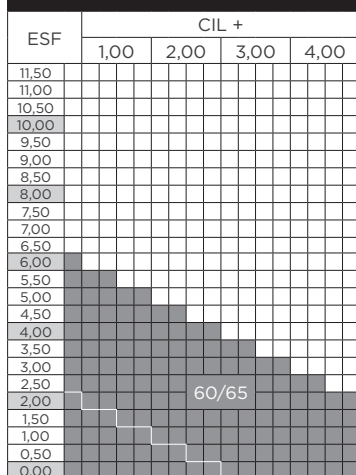
ESF	CIL +			
	1,00	2,00	3,00	4,00
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MAXIMUM Ø				65/70
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				75/86

NEO PRO TRANSITIONS 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
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-14,00				
MAXIMUM Ø				65/70
SPECIAL Ø				70/75
MAXIMUM Ø + OFF-CENTER				65/76
SPECIAL Ø + OFF-CENTER				70/81

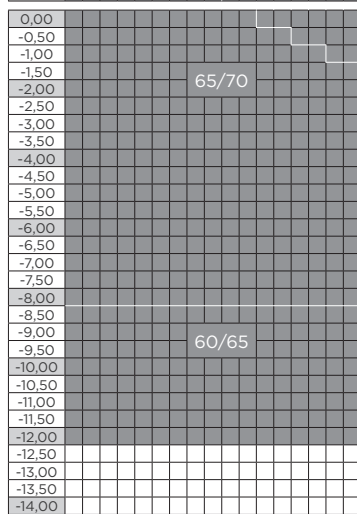
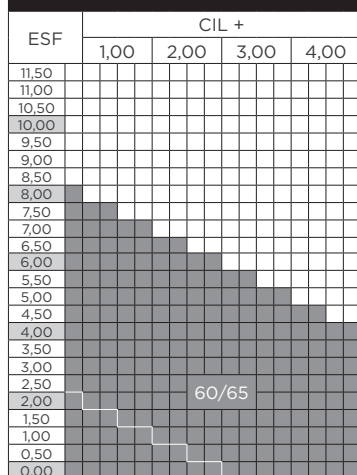
DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

NEO PRO TRANSITIONS 1.6



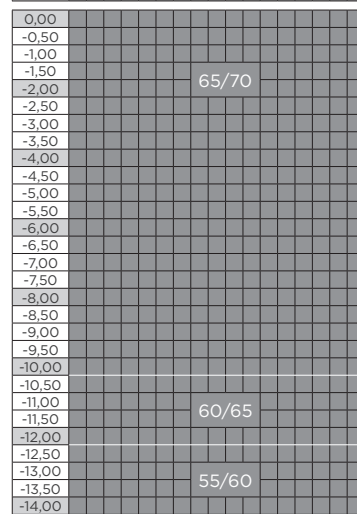
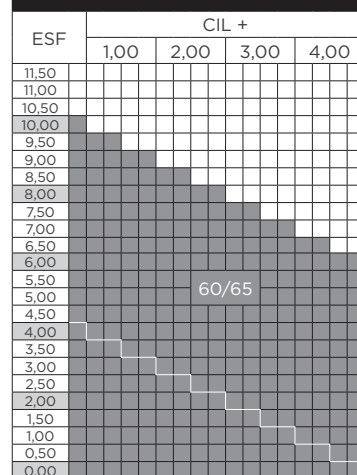
MAXIMUM Ø	65/70
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	65/76
SPECIAL Ø + OFF-CENTER	70/81

NEO PRO TRANSITIONS 1.67



MAXIMUM Ø	65/70
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	65/76
SPECIAL Ø + OFF-CENTER	70/81

NEO PRO TRANSITIONS 1.74



MAXIMUM Ø	65/70
SPECIAL Ø	70/75
MAXIMUM Ø + OFF-CENTER	65/76
SPECIAL Ø + OFF-CENTER	70/81

1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY



The advanced single vision lens with *freeform* design faceting for frames with high curvature

Evolta Pro is the freeform single vision lens that includes the advantages of Pro calculation and adds a faceted design to optimize thicknesses.

INDICATED FOR

Single vision lens users who prefer curved frames or extreme designs.

TO HIGHLIGHT

A faceted design is applied to optimize thicknesses and maintain the highest visual quality in the optical area of the facet. The design adapts to the parameters of the frame.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 10.5 mm.
PRECALIBRATED: Faceted.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Facial angle.
 Pantoscopic angle.
 CRO
 Vertex distance
 Frame base.

BASES	
EVOLTA 1.5 Ø 75/80	6.00 and 8.00
EVOLTA 1.6 Ø 70/75	5,50 6,50 7,50 8,00
FACET GRAPHIC	
	

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

EVOLTA PRO 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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-6,00					
MAXIMUM Ø					75/80
SPECIAL Ø					85/90
MAXIMUM Ø + OFF-CENTER					75/96
SPECIAL Ø + OFF-CENTER					85/106

EVOLTA PRO 1.5 TINT GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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7,00					
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-6,00					
MAXIMUM Ø					75/80
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					75/96
SPECIAL Ø + OFF-CENTER					80/101

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

EVOLTA PRO 1.6					
EVOLTA PRO 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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-6,00					
MAXIMUM Ø					75/80
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					75/96
SPECIAL Ø + OFF-CENTER					80/101

EVOLTA PRO 1.6 TINT GRADUATED TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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MAXIMUM Ø					75/80
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					75/96
SPECIAL Ø + OFF-CENTER					80/101

1.6	1.5	INDEX
42	58	ABBE NO.
1.30	1.32	DENSITY



The monofocal lens with greater aesthetics and visual acuity than a conventional lens

A-TORIC is the single vision lens designed point by point, consisting of a spherical convex surface and an atoric concave surface. This allows the atoricity to be calculated for each prescription individually and for each axis in particular. This geometry provides a substantial improvement in visual acuity throughout the lens, while also enhancing aesthetics compared to a conventional single vision lens.

INDICATED FOR

Single vision lens users who aspire to a higher quality of vision than with standard or aspheric lenses

TO HIGHLIGHT

A-Toric integrates an automatic centering rule in its calculation, so with A-Toric no manual tilt rule should be applied.



PRODUCTION TECHNOLOGIES

FREEFORM A.R.T.

(Adapt Robotic Technology)



FREEFORM A.S.C.

(Adapt Superior Calculation)



QUALITY CONTROL A.I.V.

(Artificial Intelligent Vision)



DECENTRATION – PRECALIBRATION

–

HEIGHT

DECENTRATION: Variable

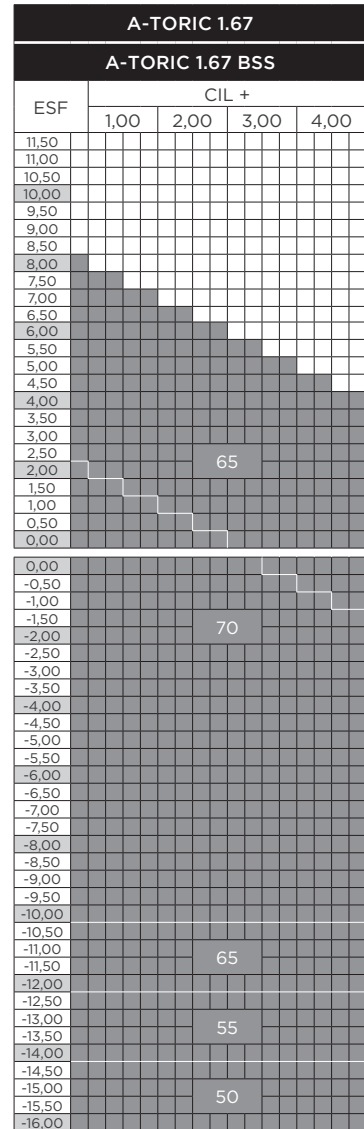
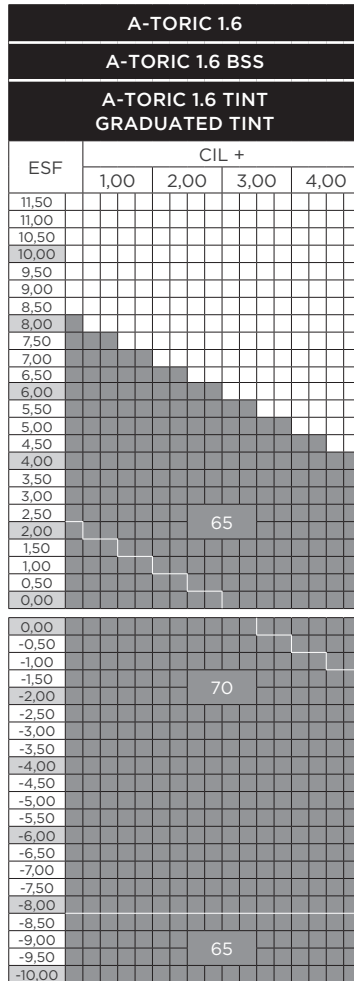
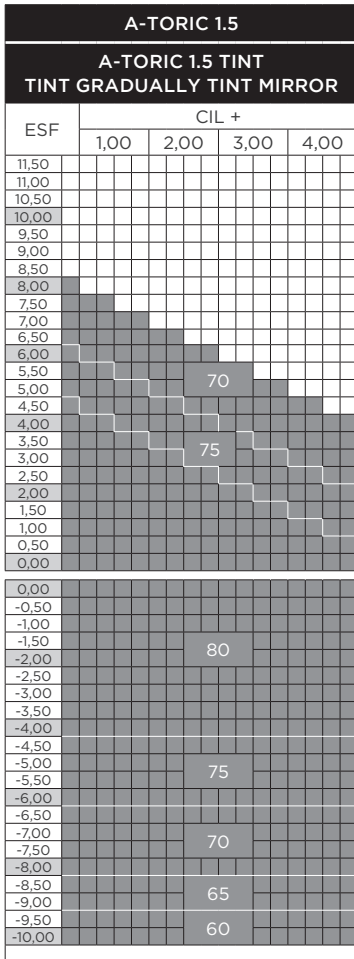
PRECALIBRATED: Prelipse.

ORDER DATA

Interpupillary distance.

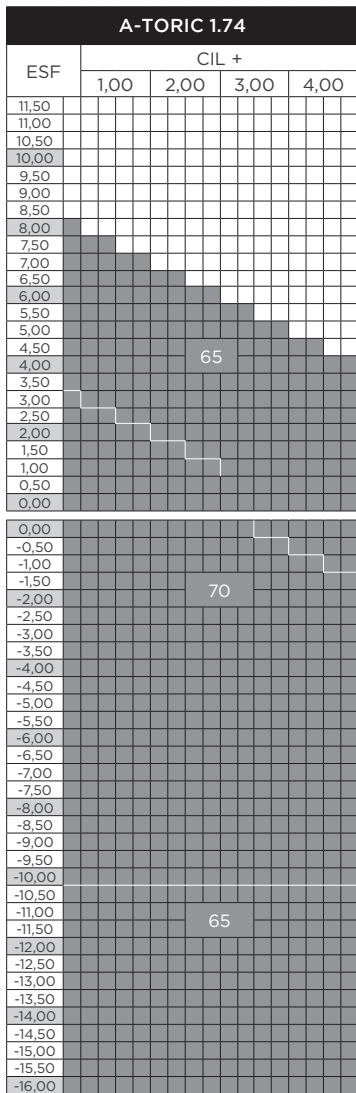
Frame base.

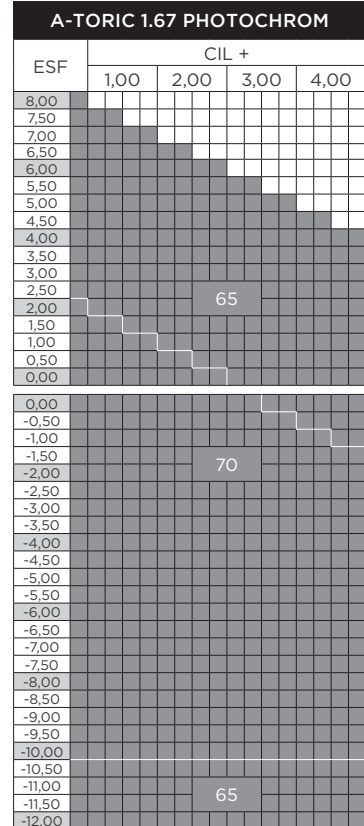
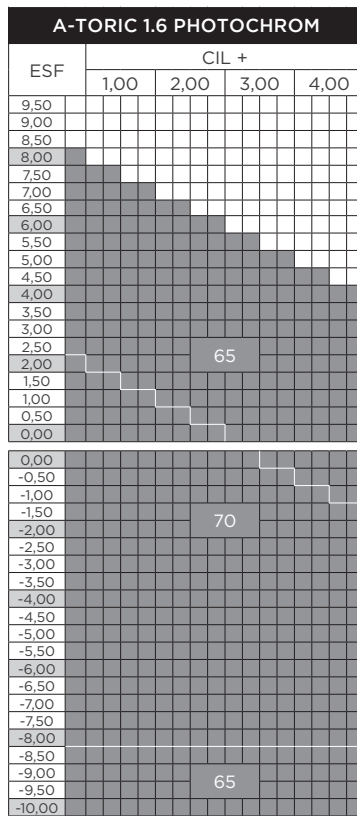
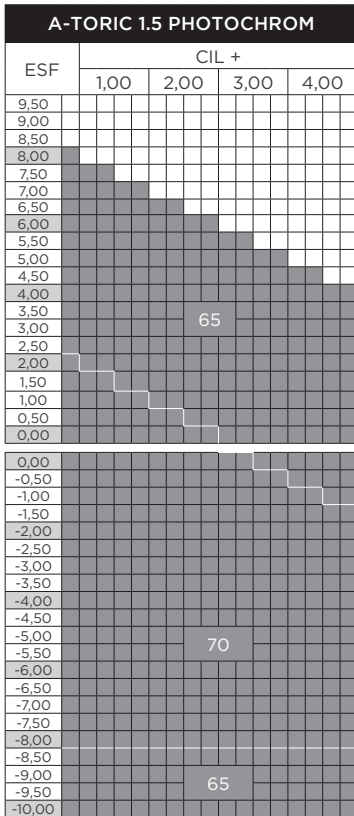
SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.



DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.

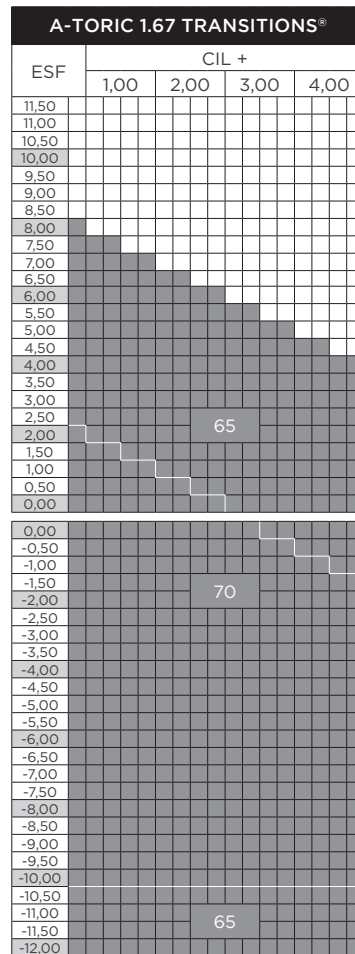
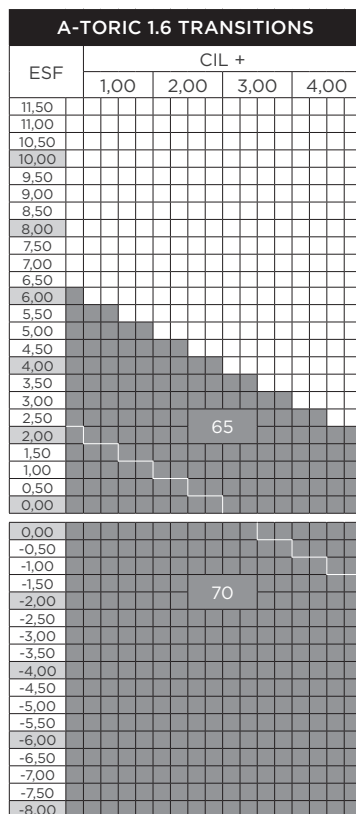
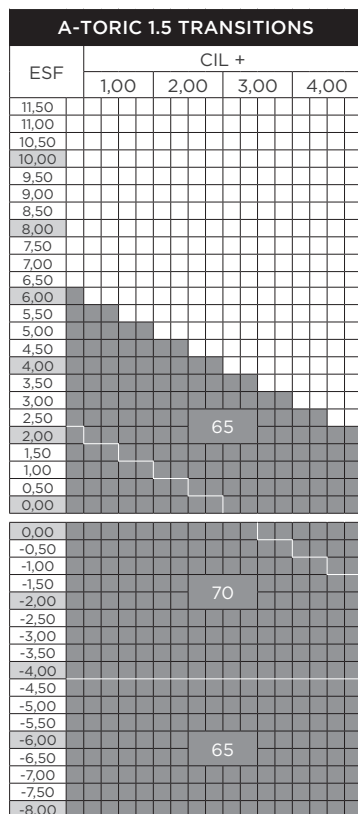
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER





DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.

PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER



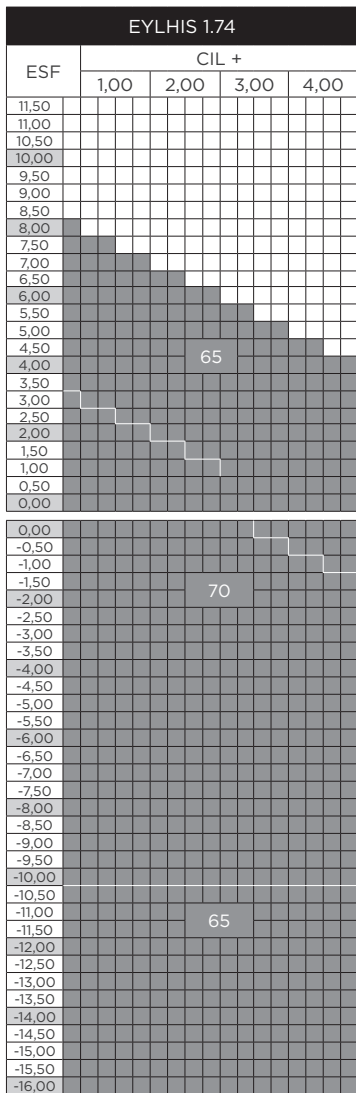
The organic single vision laboratory lens

ORGANIC 1.5 LAB				
ORGANIC 1.5 LAB TINT				
ESF	CIL +			
	1,00	2,00	3,00	4,00
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50			60	
5,00		65	70	
4,50				
4,00			65	
3,50		70	75	
3,00				
2,50			65	
2,00		70	75	80
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50			70	
-1,00			75	80
-1,50				
-2,00				
-2,50				
-3,00				
-3,50				
-4,00				
-4,50			65	
-5,00		70	75	
-5,50				
-6,00			65	
-6,50			70	
-7,00				
-7,50			65	
-8,00			60	
-8,50				
-9,00				
-9,50				
-10,00				
-10,50				
-11,00				
-11,50				
-12,00				

LIGHT LAB 1.6				
LIGHT LAB 1.6 BSS				
LIGHT LAB 1.6 TINT				
LIGHT LAB 1.6 PHOTOCHROM				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00			65	
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50				
-1,00				
-1,50				
-2,00			70	
-2,50				
-3,00				
-3,50				
-4,00				
-4,50				
-5,00				
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-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
-8,50				
-9,00			65	
-9,50				
-10,00				

EYLBIS 1.67				
EYLBIS 1.67 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00			65	
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50				
-1,00				
-1,50				
-2,00			70	
-2,50				
-3,00				
-3,50				
-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
-6,50				
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-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
-10,50				
-11,00			65	
-11,50				
-12,00				
-12,50				
-13,00				
-13,50			55	
-14,00				
-14,50				
-15,00				
-15,50			50	
-16,00				

1.5	INDEX
58	ABBE NO.
1.32	DENSITY



1.5	INDEX
58	ABBE NO.
1.32	DENSITY

NEO
PRO

EVOLTA
PRO

A-TORIC

MONOFOCAL
LAB

MONOFOCAL
EXPRESS

MONO LAB ORGANIC

The organic single vision laboratory lens

PHOTOCHROM® LAB 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
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-7,00					
-7,50					
-8,00					

LIGHT LAB 1.6					
LIGHT LAB 1.6 BSS					
LIGHT LAB 1.6 TINT					
LIGHT LAB 1.6 PHOTOCHROM					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
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-8,50					
-9,00					
-9,50					
-10,00					

EYLHIS 1.67 PHOTOCHROM					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
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-8,50					
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-10,00					
-10,50					
-11,00					
-11,50					
-12,00					

1.6	INDEX
42	ABBE NO.
1.30	DENSITY

EXTRAFIN 1.5 Ø 65 TRANSITIONS

ESF	CIL +			
	1,00	2,00	3,00	4,00
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
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-10,00				
-10,50				
-11,00				
-11,50				
-12,00				

LIGHT LAB 1.6 TRANSITIONS

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
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-5,50				
-6,00				
-6,50				
-7,00				
-7,50				
-8,00				

EYHLIS 1.67 TRANSITIONS

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
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-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
-10,50				
-11,00				
-11,50				
-12,00				

1.67	INDEX
32	ABBE NO.
1.35	DENSITY

SUPPLEMENTS SINGLE VISION ORG.

SINGLE VISION ORGANIC	NEO PRO 1.5		NEO PRO 1.6		NEO PRO 1.67		NEO PRO 1.74		EVOLTA PRO 1.5	EVOLTA PRO 1.6	EVOLTA PRO 1.6
B=White F=Photochromic	B	F	B	F	B	F	B	F	B	B	B
ORGADUR	22.00 €		✓						✓	✓	
QUARZ AIRON ^{UV}	126.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTRAMAX	108.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ BLUE	108.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTREM	91.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ SUN	61.00 €		✓		✓		✓		✓	✓	✓
MIRRORED PRATS	91.00 €		✓		✓		✓		✓	✓	✓
SINGLE TONE	47.00 €		✓		✓		✓		✓	✓	✓
GRADAL	58.00 €		✓		✓		✓		✓	✓	✓
BI-GRADAL	69.00 €		✓		✓		✓		✓	✓	✓
URBAN COLORS	47.00 €		✓		✓		✓		✓	✓	✓
NEURO COLORS	47.00 €		✓		✓		✓		✓	✓	✓
AS SAMPLE*	33.00 €		✓		✓		✓		✓	✓	✓
CSR QUARZ BI	125.00 €**		✓	✓***	✓		✓		✓	✓	✓
CSR QUARZ AI	113.00 €		✓	✓***	✓	✓***	✓	✓***	✓	✓	✓
CSR 2A-2B QUARZ BI	150.00 €		✓		✓		✓		✓	✓	✓
CSR 2A-2B QUARZ AI	135.00 €		✓		✓		✓		✓	✓	✓
CSR SOL QUARZ BI	168.00 €		✓		✓		✓		✓	✓	✓
CSR SOL QUARZ AI	173.00 €		✓		✓		✓		✓	✓	✓
PRATS FILTERS	60.00 €		✓		✓		✓		✓	✓	✓
UV FILTER	31.00 €		✓		✓		✓		✓	✓	
FROSTED	18.00 €		✓		✓		✓		✓	✓	
SPECIAL THICKNESS	26.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL BASE	✓ W/O ✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 4.25 TO 6	26.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 6.25 TO 10	29.00 €				✓	✓	✓	✓	✓		
PRISM UP TO 5 DP**	22.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
PRISM 5.25-10DP**	29.00 €				✓	✓	✓	✓	✓		
PRE-CALIBRATED	18.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
OUT OF STANDARD	30.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
DECENTRATION	26.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL DIAMETER	22.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓
ICONIC TOUCH†	19.00 €		✓	✓	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- All lenses manufactured with n 1.6, 1.67 and 1.74 must be requested mandatorily with Quarz treatment. (Except if it has a mirror coating).
- Blue Safe System (BSS) in 1.67 and 1.74 does not allow tinting.
- The 1.74 lens does not allow tinting. 1.74 index lenses with residual absorption of 11%. Not recommended for drilling.
- Tinted lenses delivery time 1 week. Mirrored lenses delivery time approx. 10 days.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- **Please consult the possibility of manufacturing according to the refractive index.
- *** PhotoChrom lenses available with CSR Quarz BI /AI treatment

Continued on next page

ORGANIC SINGLE VISION	A-TORIC 1.5		A-TORIC 1.6		A-TORIC 1.67		A-TORIC 1.74	
B=White F=Photochromic	B	F	B	F	B	F	B	F
ORGADUR	✓							
QUARZ AIRON ^{UV}	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓	✓	✓	✓	✓
QUARZ SUN	✓		✓		✓			
MIRRORED PRATS	✓		✓		✓			
SINGLE TONE	✓		✓		✓			
GRADAL	✓		✓		✓			
BI-GRADAL	✓		✓		✓			
URBAN COLORS	✓		✓		✓			
NEURO COLORS	✓		✓		✓			
AS SAMPLE*	✓		✓		✓			
CSR QUARZ BI	✓	✓***	✓		✓			
CSR QUARZ AI	✓		✓	✓***	✓	✓***		
CSR 2A-2B QUARZ BI	✓		✓		✓			
CSR 2A-2B QUARZ AI	✓		✓		✓			
CSR SOL QUARZ BI	✓		✓		✓			
CSR SOL QUARZ AI	✓		✓		✓			
PRATS FILTERS	✓		✓		✓			
UV FILTER	✓		✓		✓		✓	
FROSTED	✓		✓		✓		✓	
SPECIAL THICKNESS	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓	✓	✓	✓	✓
CYL 6.25 TO 10					✓	✓	✓	✓
PRISM UP TO 5 DP**	✓	✓	✓	✓	✓	✓	✓	✓
PRISM 5.25-10DP**					✓	✓	✓	✓
PRE-CALIBRATED	✓	✓	✓	✓	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓	✓	✓	✓	✓
DECENTRATION	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL DIAMETER	✓	✓	✓	✓	✓	✓	✓	✓
ICONIC TOUCH†	✓	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Blue Safe System (BSS) in 1.67 and 1.74 does not allow tinting.
 - The 1.74 lens does not allow tinting. 1.74 index lenses with residual absorption of 11%. Not recommended for drilling.
 - Tinted lenses delivery time 1 week. Mirrored lenses delivery time approx. 10 days.
 - Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
 - Quarz Solutions treatments are recommended (applied to both sides of the lens in all cases).
 - All manufactured lenses with index 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if mirrored).*
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.

Continued on next page

SUPPLEMENTS SINGLE VISION ORG.

ORGANIC SINGLE VISION	ORGANIC 1.5	PHOTOCHROM	LIGHT 1.6	
B=White F=Photochromic	B	F	B	F
ORGADUR	✓			
QUARZ AIRON ^{UV}	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓
QUARZ SUN	✓	•	✓	
PRATS MIRRORED	✓		✓	✓
SINGLE TONE	✓		✓	
GRADAL	✓		✓	
BI-GRADAL	✓		✓	
URBAN COLORS	✓		✓	
NEURO COLORS	✓		✓	
AS SAMPLE*	✓		✓	
CSR QUARZ BI	✓***			
CSR QUARZ AI		✓***	✓	✓***
CSR 2A-2B QUARZ BI	✓			
CSR 2A-2B QUARZ AI			✓	
CSR SOL QUARZ BI	✓			
CSR SOL QUARZ AI			✓	
PRATS FILTERS	✓		✓	
UV FILTER	✓			
FROSTED	✓		✓	
SPECIAL THICKNESS	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓
CYL 6.25 TO 10				
PRISM UP TO 5 DP**	✓	✓	✓	✓
PRISM 5.25-10DP**				
PRE-CALIBRATED	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓
DECENTRATION	✓	✓		
SPECIAL DIAMETER				

OBSERVATIONS AND RECOMMENDATIONS

- ...
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters., it is recommended to consult the possibility of manufacturing.
 - Mirror treatment only on the external side. It is not possible to request Quarz treatment and mirroring on the same lens
 - *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
 - **Please consult the possibility of manufacturing according to the refractive index.
 - *** PhotoChrom lenses available with CSR Quarz BI /AI treatment

ORGANIC SINGLE VISION	EYHLIS 1.67		EYHLIS 1.74	TRANSITIONS 1.5-1.6-1.67-1.74
B=White F=Photochromic	B	F	B	F
ORGADUR				
QUARZ AIRON ^{UV}	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓
QUARZ SUN	✓			
PRATS MIRRORED				
SINGLE TONE	✓	✓		
GRADAL	✓			
BI-GRADAL	✓			
URBAN COLORS	✓			
NEURO COLORS	✓			
AS SAMPLE*	✓			
CSR QUARZ BI				
CSR QUARZ AI	✓	✓***		
CSR 2A-2B QUARZ BI				
CSR 2A-2B QUARZ AI	✓			
CSR SOL QUARZ BI				
CSR SOL QUARZ AI	✓			
PRATS FILTERS	✓			
UV FILTER				
FROSTED	✓		✓	
SPECIAL THICKNESS	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓
CYL 6.25 TO 10	✓	✓	✓	✓
PRISM UP TO 5 DP**	✓	✓	✓	✓
PRISM 5.25-10DP**	✓	✓	✓	✓
PRE-CALIBRATED	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓
DECENTRATION				
SPECIAL DIAMETER				

OBSERVATIONS AND RECOMMENDATIONS

- Blue Safe System (BSS) in 1.67 and 1.74 does not allow tinting.
- The 1.74 lens does not allow tinting. 1.74 index lenses with residual absorption of 11%. Not recommended for drilling.
- Tinted lenses delivery time 1 week. Mirrored lenses delivery time approx. 10 days.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- **Please consult the possibility of manufacturing according to the refractive index.
- *** PhotoChrom lenses available with CSR Quarz BI /AI treatment

EXPRESS

LENS		IND	LENS CHARACTERISTICS
Without treatment	ORGANIC 1.5 Ø 60	1.5	NOT HARDENED
	ORGANIC 1.5 Ø 65		NOT HARDENED
	ORGANIC 1.5 Ø 70		NOT HARDENED
Hardened	PEQUE ORGADUR 1.5	1.5	HARDENED Ø 60
	ORGADUR 1.5 NT		HARDENED
	LIGHT 1.6 ORGADUR	1.6	HARDENED
Anti-reflective	COMPACT 1.5	1.5	HARDENED WITH ANTI-REFLECTIVE
	COMPACT 1.5 Ø 70		HARDENED AND WITH ANTI-REFLECTIVE Ø 70
	QUARZ XTREM 1.5		ANTI-REFLECTIVE AND SUPER HYDROPHOBIC
	FLAT 1.56 COMPACT AQS	1.56	HARDENED WITH ANTI-REFLECTIVE
	LIGHT 1.6 QUARZ	1.6	HARDENED WITH ANTI-REFLECTIVE
	LIGHT 1.6 QUARZ XTREM		ANTI-REFLECTIVE WITH SUPER HYDROPHOBIC
	LIGHT 1.6 Ø 70 QUARZ XTRAMAX EXP		ANTI-REFLECTIVE WITH SUPER HYDROPHOBIC MAXIMUM HARDNESS Ø 70
	QUARZ XTREM 1.67	1.67	ANTI-REFLECTIVE AND SUPER HYDROPHOBIC
	AS EYLHIS 1.74 QUARZ	1.74	HARDENED WITH ANTI-REFLECTIVE
Blue Safe System	BLUE SAFE 1.6 QUARZ XTREM	1.6	TRANSPARENT LENS PROTECTIVE BLUE LIGHT
	BLUE SAFE 1.67 QUARZ XTRAMAX	1.67	TRANSPARENT LENS PROTECTIVE BLUE LIGHT
Sun	SIENA VERONÉS GRAPHITE Ø 65	1.5	NOT HARDENED BROWN / GREEN / GREY Ø65
	SIENA VERONÉS GRAPHITE Ø 75		NOT HARDENED BROWN / GREEN / GREY Ø75
	SIENA VERONESE GRAPHITE Ø 65 MIRRORED (**)		STOCK SUN LENS WITH MIRRORED TREATMENT CROME, COBALT, KRYPTON, AND MAGMA Ø65
	SIENA VERONÉS GRAPHITE Ø 75 MIRRORED (**)		STOCK SUN LENS WITH MIRRORED TREATMENT CROME, COBALT, KRYPTON, AND MAGMA Ø75
	SIENA VERONÉS GRAPHITE 1.6 QUARZ CI	1.6	ANTI-REFLECTIVE INNER SIDE BROWN / GREEN / GREY
Pho-to.	TRANSITIONS SH AR 1.5 BROWN/GREY	1.5	TRANSITIONS BROWN OR GREY WITH AR AND SUPER HYDROPHOBIC
CSR	QUARZ CSR 1.5 (*)		HARDENED WITH AR, BLUE LIGHT PROTECTIVE
	QUARZ CSR SUN 1.6 (*)	1.6	BROWN/GREENISH GREY HARDENED WITH AR, BLUE LIGHT PROTECTIVE
Xpedit	XPEDIT ATORIC 16BSS XMAX***	1.6	LENS WITH ATORIC DESIGN, TRANSPARENT AND BLUE LIGHT PROTECTIVE, WITH SUPER HYDROPHOBIC MAXIMUM HARDNESS

(***) COMING SOON



Single vision lenses for low or medium prescriptions.

EXTRAFIN 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
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-4,00					
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-5,00					
-5,50					
-6,00					

ORGADUR 1.5 NT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
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-5,50					
-6,00					

COMPACT 1.5					
QUARZ XTREM 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
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-4,50					
-5,00					
-5,50					
-6,00					

ORGANIC 1.5 Ø 60					
PEQUE ORGADUR 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
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-3,50					

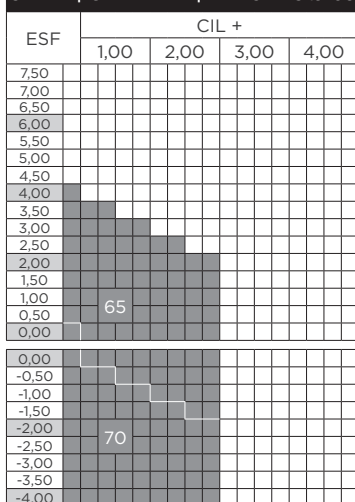
ORGANIC 1.5 Ø 70					
COMPACT 1.5 Ø 70					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
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TRANSITIONS SH AR 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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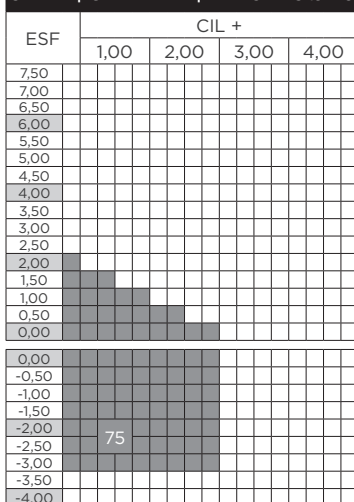
1.6	1.56	1.5	INDEX
42	43.3	58	ABBE NO.
1.30	1.21	1.32	DENSITY

EXPRESS

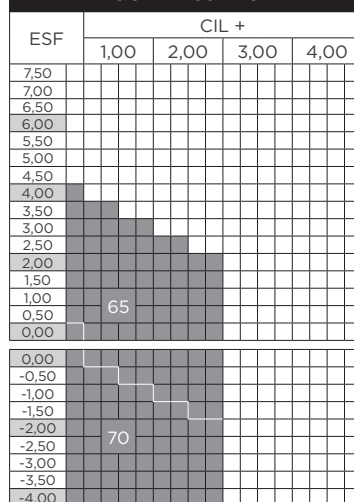
SIENA | GRAPHITE | VERONÉS Ø 65



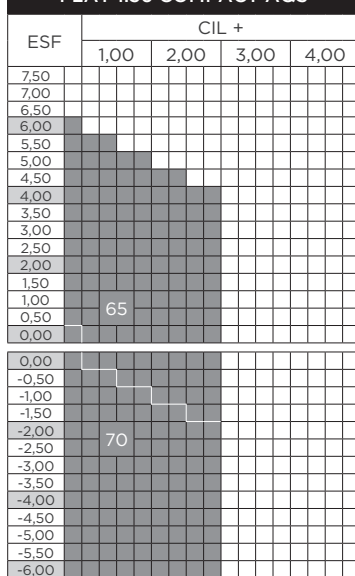
SIENA | GRAPHITE | VERONÉS Ø 75



QUARZ CSR 1.5



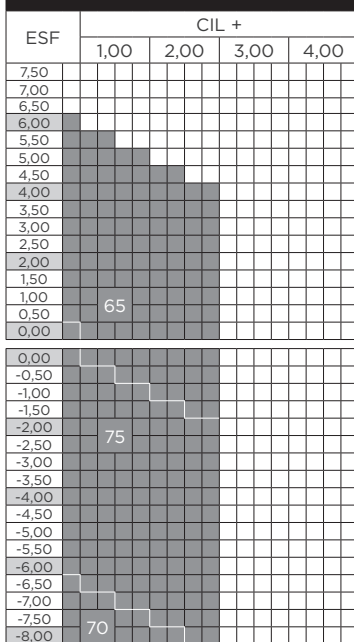
FLAT 1.56 COMPACT AQS



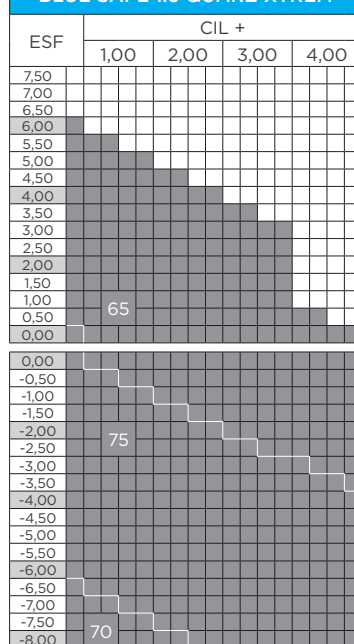
LIGHT 1.6 ORGADUR

LIGHT 1.6 QUARZ AQS

LIGHT 1.6 QUARZ XTREM



BLUE SAFE 1.6 QUARZ XTREM



NOTES

EXPRESS LENSES DO NOT ALLOW ANY TYPE OF SUPPLEMENT, COLORING, OR TREATMENT

- PEQUE ORGADUR: the delivery time is increased by 2 days compared to the rest of the express lenses.
- QUARZ CSR SOL: the delivery time is increased by 2 days compared to the rest of the express lenses.
- All XTREM lenses protect against UV rays across their entire spectrum.
- SIENA, VERONÉS, and GRAPHITE Mirrored, delivery time 10 days

LIGHT 1.6 Ø 70 QUARZ XTRAMAX

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
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6,00				
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-1,00				
-1,50				
-2,00				

XPEDIT ATORIC 16 BSS Q. XTRMAX

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
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-7,50				
-8,00				

QUARZ CSR SOL 1.6

SIENA | GRAPHITE | VERONÉS 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
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6,00				
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QUARZ XTREM 1.67

ESF	CIL +			
	1,00	2,00	3,00	4,00
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7,00				
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5,50				
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-8,00				

BLUE SAFE 1.67 QUARZ XTRAMAX

ESF	CIL +			
	1,00	2,00	3,00	4,00
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7,00				
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6,00				
5,50				
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-10,00				
-10,50				
-11,00				
-11,50				
-12,00				

AS EYLHIS 1.74 QUARZ AGS

ESF	CIL +			
	1,00	2,00	3,00	4,00
1,50				
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-10,00				

1.74	1.67	1.6	INDEX
33	32	42	ABBE NO.
1.47	1.35	1.30	DENSITY



UNIVERSAL USE

Organic bifocals

C28 ORGANIC BIFOCAL

The organic bifocal lens

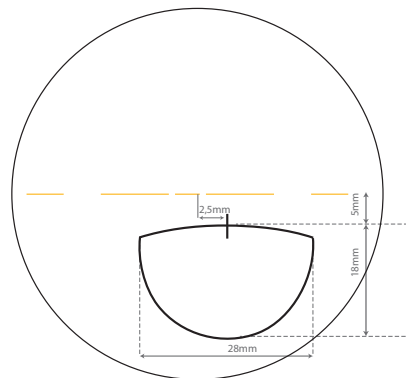
Organic lens with bifocal design and a 28 mm curved segment.

INDICATED FOR

Users of bifocal lenses made of organic material

TO HIGHLIGHT

Available in two sizes: 65/70 and 70/75.



1.5	INDEX
58	ABBE NO.
1.32	DENSITY

C28 ORGANIC 65/71					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
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-7,50					
-8,00					
ADDITIONS 1.00 TO 3.00 - 3.50 - 4.00					

C28 ORGANIC 70/76					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
5,50					
5,00					
4,50					
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-5,50					
-6,00					
ADDITIONS 1.00 TO 3.00 - 3.50 - 4.00					

C28 PHOTOCHROM					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
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-7,00					
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-8,00					
ADDITIONS 1.00 TO 3.50					

EXECUTIVE ORGANIC

The organic bifocal lens with linear segment

Bifocal lens made of organic material with linear segment.

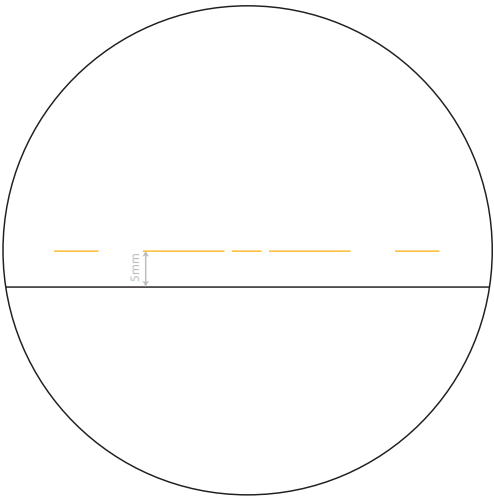
INDICATED FOR

Cases of binocular dysfunctions, visual therapies, or bifocal users who require a large near field.

TO HIGHLIGHT

The segment is linear and visible.

1.56	INDEX
58	ABBE NO.
1.32	DENSITY



EXECUTIVE				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
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-6,50				
-7,00				
-7,50				
-8,00				
ADDITIONS 1.00 TO 3.00				

THEY ARE SUPPLIED WITH A BASE-DOWN PRISM TO EQUALIZE THE UPPER AND LOWER EDGE THICKNESSES, UNLESS OTHERWISE SPECIFIED IN THE PRESCRIPTION.

INVISIBLE ORGANIC

The organic bifocal lens with invisible segment

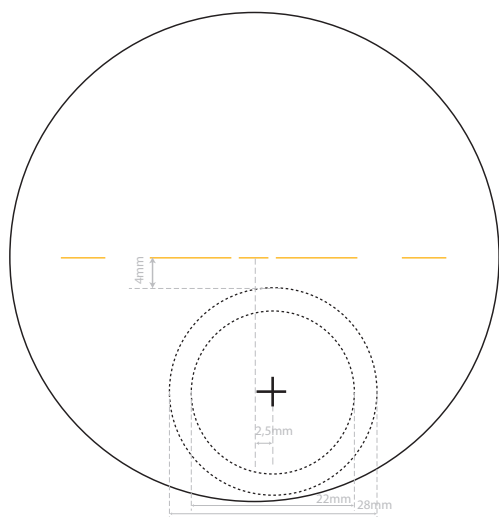
Bifocal lens made of organic material with round segment.

INDICATED FOR

Users of bifocal lenses who prefer a more discreet aesthetic.

TO HIGHLIGHT

Lens with a round and barely noticeable segment.



1.5	INDEX
58	ABBE NO.
1.32	DENSITY

INVISIBLE				
ESF	CIL +			
	1,00	2,00	3,00	4,00
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
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-5,00				
-5,50				
-6,00				
ADDITIONS 1.00 TO 3.00				

SUPPLEMENTS ORGANIC BIFOCALS

ORGANIC BIFOCALS	C-28 ORGANIC	C-28 PHOTOCHROM	EXECUTIVE	INVISIBLE
ORGADUR	✓			✓
QUARZ AIRON				
QUARZ XTRAMAX	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓
QUARZ SUN				
SOLID COLOR	✓		✓	✓
GRADAL	✓		✓	✓
BI-GRADAL	✓		✓	✓
URBAN COLORS				
NEURO COLORS				
AS SAMPLE*	✓		✓	✓
CSR QUARTZ	✓		✓	✓
CSR 2A-2B QUARTZ	✓		✓	✓
CSR SOL QUARTZ	✓		✓	✓
PRATS FILTERS				
UV FILTER	✓		✓	✓
SPECIAL THICKNESS	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	
CYL 6.25 TO 10	✓	✓		
PRISM UP TO 5 DP**	✓	✓	✓	✓
PRISM 5.25-10DP**	✓	✓		
PRE-CALIBRATED	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓
DECENTRATION	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Quarz Solutions treatments are recommended (applied to both sides of the lens in all cases).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. it is recommended to consult the possibility of manufacturing.
- Tinted lenses delivery time 1 week.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- **Please consult the possibility of manufacturing according to the refractive index.



VIMAX FIT FRM
MINERAL

VIMAX FIT USR
MINERAL

NEO PRO
MINERAL

MONOFOCAL
LAB MINERAL

MONOFOCAL
EXPRESS MINERAL

BIFOCAL C28
MINERAL

UNIVERSAL USE Mineral



The progressive lens that
adapts to the user and their
frame

VIMAX FIT FRM MINERAL takes the VIMAX experience to the next level, offering the highest degree of freedom in frame selection even for users of mineral lenses. Its design integrates specific frame parameters, allowing a facial angle of up to 25° without compromising visual quality. Thanks to advanced Double Gradient technology, this lens is able to consider the physiological variations of near astigmatism compared to distance, both in axis and cylindrical power, providing superior image quality at all distances. VIMAX stands out for the high technological level of PRATS solutions.

INDICATED FOR

- Users of high-performance mineral progressive lenses.
- Individuals seeking a personalized design, adapted both to their physiognomy and their frame.
- Ideal even for frames with special geometries, such as curved ones or those with a pronounced pantoscopic inclination.

TO HIGHLIGHT

1. **Maximum visual efficiency:** The integrated technologies guarantee a smooth, high-quality visual experience at all distances.
2. **Thickness optimization:** 100% optimization is ensured at all points of the lens, thanks to an enveloping and faceted pre-calibration.
3. **Unmatched adaptability:** Perfect integration in frames with special geometry, maintaining clear and precise vision. through an enveloping faceted pre-calibration.

With VIMAX FIT FRM MINERAL, users will enjoy a personalized, innovative experience with unparalleled visual quality.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓
DOUBLE GRADIENT VISION ADAPT Astigmatism for distance and near vision		✓
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading distance	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
User initials.
Facial angle.
Pantoscopic angle.
CRO.
Vertex distance.
Frame base.
Clinical inset.
Distance Rx and near Rx.

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.



The progressive lens
most comfortable

VIMAX FIT USR MINERAL stands out as a high-performance progressive lens, unique in its class. Designed with advanced technologies, the result of PRATS engineering. These lenses guarantee a personalized and optimal visual experience. Calculated in real time based on refraction data and the user's physiognomy, this lens integrates innovations that maximize binocular vision at all distances.

SUITABLE FOR:

- Users of mineral progressive lenses seeking a personalized design.
- Individuals who value a perfect balance among the three fields of vision: near, intermediate, and far.
- Those who desire a lens that is easy and quick to adapt, with maximum comfort.

TO HIGHLIGHT

1. **Design based on clinical studies:** The lens has been developed from research focused on the real experience of users, ensuring optimal performance.
2. **Gradual and comfortable visual path:** The applied technologies provide a smooth transition between vision zones, enhancing visual comfort.
3. **Reduction of lateral aberrations:** The lens effectively eliminates, reduces (or minimizes) peripheral distortions, offering clearer and more precise vision.

With VIMAX FIT USR MINERAL, users enjoy a progressive solution that combines personalization, comfort, and visual quality in all aspects of their daily experience.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
TRACK VISION ADAPT Natural Eye Movement		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.

VIMAX FIT FRM MINERAL 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
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-8,00				

ADDITIONS 0.75 TO 3.50

VIMAX FIT FRM 1.6 PH MINERAL				
ESF	CIL +			
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11,50				
11,00				
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ADDITIONS 0.75 TO 3.50

VIMAX FIT USR MINERAL 1.8				
ESF	CIL +			
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-19,50				
-20,00				
ADDITIONS 1.00 TO 3.50				

65/70

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

1.9	1.8	1.7	1.6	1.52	INDEX
30.40	34.80	34.60	41.20	58,30	ABBE NO.
3.99	3.60	3.21	2.63	2,55	DENSITY



The advanced single vision lens with *freeform design* clearly superior

NEO PRO Mineral is the only mineral single vision lens designed and manufactured with freeform technology. It stands out for its high level of point-to-point precision, to compensate for aberrations that occur in gaze positions other than the primary one. Furthermore, it takes into account the individual parameters of the position of use, which ensures optimal performance under any circumstances. The PRO design provides a wider, more precise, and more relaxed vision, adapting to any prescription, whether spherical or astigmatic, and to any task performed.

SUITABLE FOR:

- Users of mineral single vision lenses seeking superior optical quality.
- Individuals who require optimized peripheral vision and maximum visual performance in any activity, regardless of lighting conditions.
- Users of high-performance single vision lenses who prefer mineral lenses.

TO HIGHLIGHT

1. **Effectiveness in high prescriptions:**
The advantages are especially notable for users with prescriptions higher than 3 diopters (sphere + cylinder) or with prescriptions from 1 diopter and facial angles greater than 8°.
2. **Personalized adaptation:** The design adjusts to the specific parameters of the frame, ensuring a perfect fit.
3. **Enhanced visual experience:** It provides superior visual quality with more relaxed and precise vision in any task, even optimizing peripheral vision.

NEO PRO Mineral is the ideal choice for those seeking excellence in optical quality and personalization in mineral single vision lenses.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

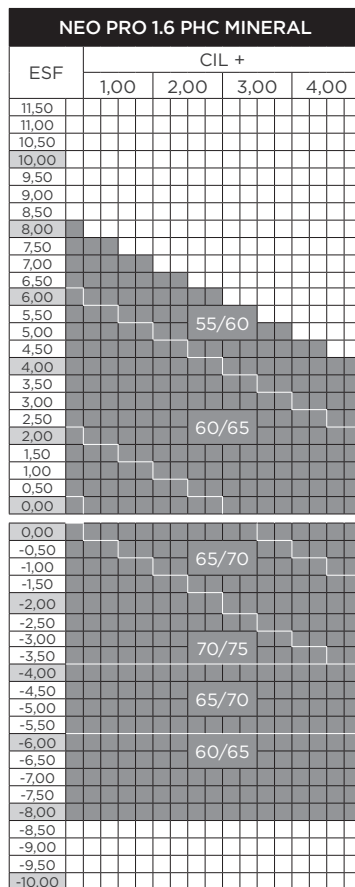
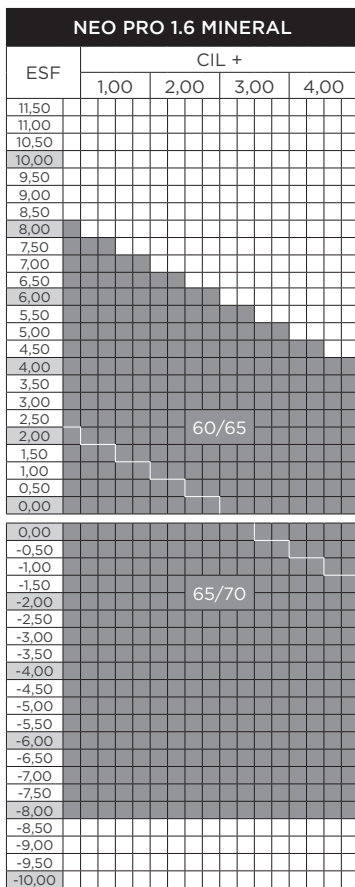
FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

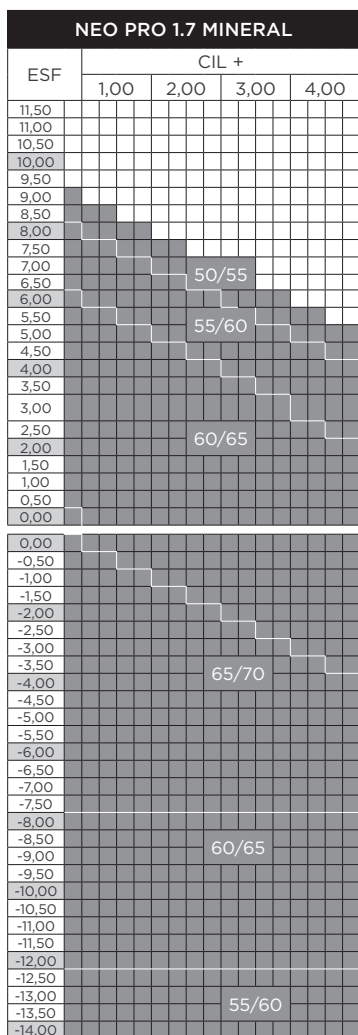
DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.

ORDER DATA

Interpupillary distance.
Pupil height.
Facial angle.
Pantoscopic angle.
CRO
Vertex distance.
Frame base.

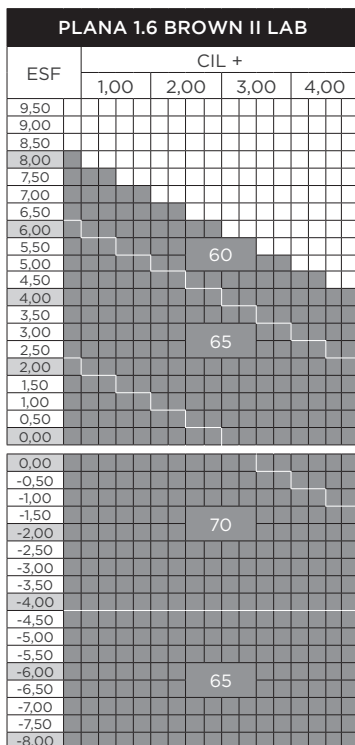
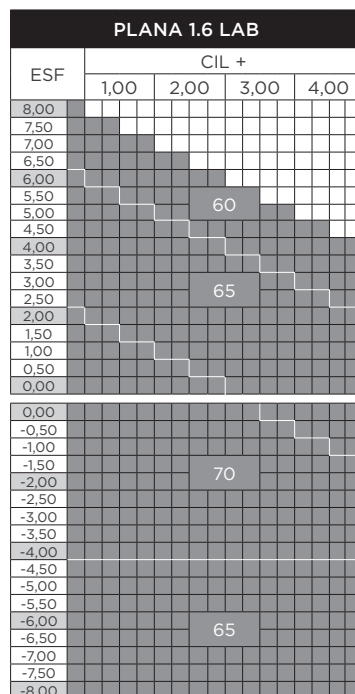
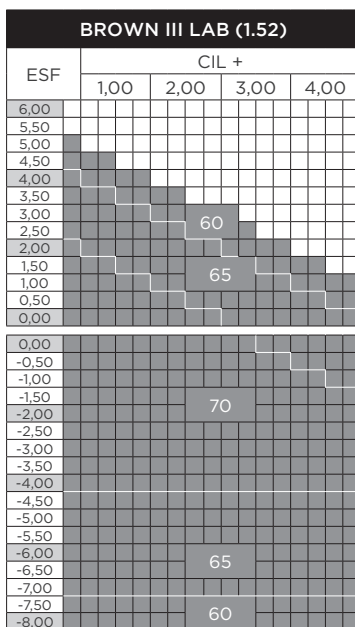
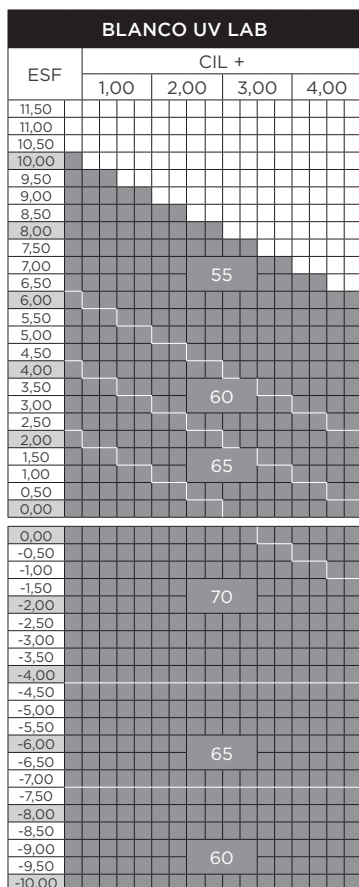




SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

1.9	1.8	1.7	1.6	1.52	INDEX
30.40	34.80	34.60	41.20	58,30	ABBE NO.
3.99	3.60	3.21	2.63	2,55	DENSITY

The laboratory mineral single vision lens



FLINT 1.7 LAB				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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FLINT 1.8 LAB				
ESF	CIL +			
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-20,00				

FLINT 1.9 LAB				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

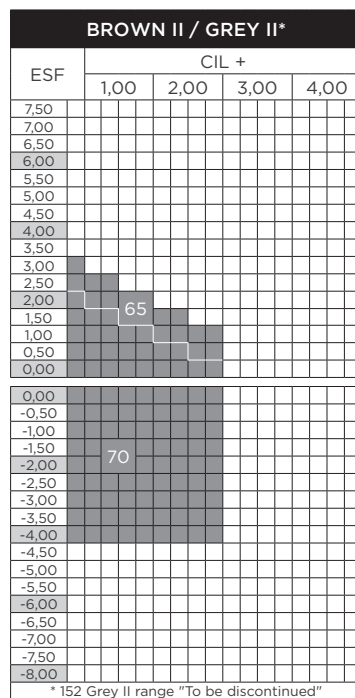
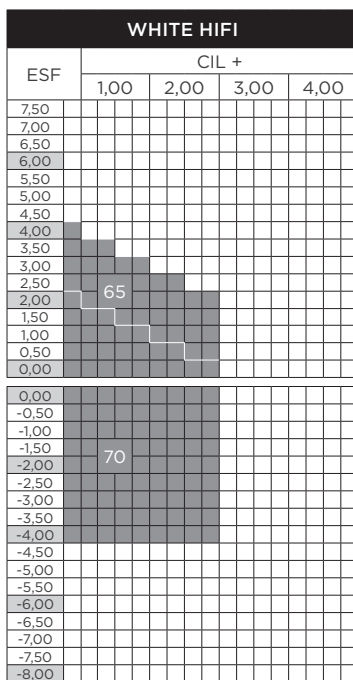
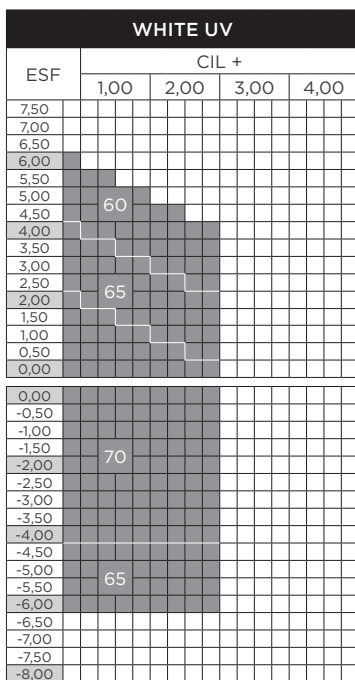
1.9	1.8	1.7	1.6	1.52	INDEX
30,40	34,80	34,60	41,20	58,30	ABBE NO.
3,99	3,60	3,21	2,63	2,55	DENSITY

EXPRESS MINERAL

The stock mineral single vision lenses.

LENS	IND	LENS CHARACTERISTICS
WHITE UV 1.52	1.52	WHITE LENS
WHITE HIFI 1.52		LENS WITH ANTI-REFLECTIVE COATING
BROWN II / GREY II 1.52		BROWN AND GREY PHOTOCHROMIC
BROWN II HIFI		BROWN PHOTOCHROMIC WITH ANTI-REFLECTIVE COATING
PLANO 1.6	1.6	WHITE LENS 1.6
PLANO 1.6 HIFI		WHITE LENS 1.6 WITH ANTI-REFLECTIVE COATING
FLINT 1.7 *	1.7	WHITE LENS 1.7
FLINT 1.7 HIFI		WHITE LENS WITH INDEX 1.7 WITH ANTI-REFLECTIVE COATING

* To be discontinued.



BROWN II HIFI					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
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PLANO 1.6					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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PLANO 1.6 HIFI					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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FLINT 1.7 WHITE *					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
3,50					
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FLINT 1.7 HIFI					
ESF	CIL +				
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* To be discontinued.

1.9	1.8	1.7	1.6	1.52	INDEX
30,40	34,80	34,60	41,20	58,30	ABBE NO.
3,99	3,60	3,21	2,63	2,55	DENSITY

C28 MINERAL BIFOCAL

The mineral bifocal lens

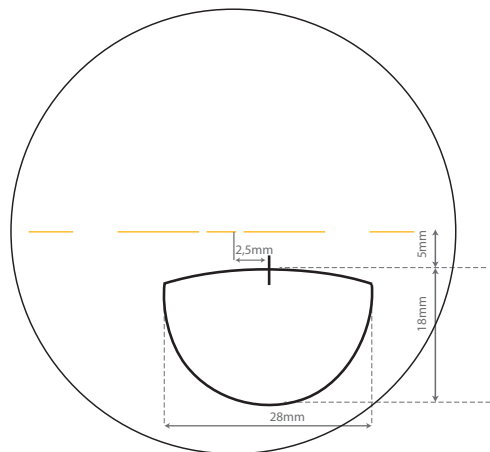
Bifocal lens made of mineral material with a 28 mm curved segment.

INDICATED FOR

Users of bifocal lenses who prefer mineral material.

TO HIGHLIGHT

Lens with index 1.52. Available in brown photochromic.



C28 WHITE MINERAL					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
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-8,00					
ADDITIONS 1.00 TO 3.50					

C28 BROWN II MINERAL					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
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ADDITIONS 1.00 TO 3.50					

1,52	INDEX
58,30	ABBE NO.
2,55	DENSITY

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

MINERAL SUPPLEMENTS

VIMAX FTI MINERAL	VIMAX FIT MINERAL
HIFI PROGRESSIVE	✓
BROWN COLOR D PROGR.	✓
SPECIAL THICKNESS	✓
SPECIAL BASE	✓
CYL 4.25 TO 6	✓
CYL 6.25 TO 10	✓
PRISM UP TO 5 DP**	✓
PRISM 5.25-10DP**	✓
PRE-CALIBRATED	✓
OUT OF STANDARD	✓
DECENTRATION	✓

MINERAL BIFOCALS	C-28 MINERAL	C-28 BROWN
HIFI PROGRESSIVE		
BROWN COLOR D BIFOC.	✓	
SPECIAL THICKNESS	✓	✓
SPECIAL BASE	✓	✓
CYL 4.25 TO 6	✓	✓
CYL 6.25 TO 10		
PRISM UP TO 5 DP	✓	✓
PRISM 5.25-10DP		
PRE-CALIBRATED	✓	✓
OUT OF STANDARD	✓	✓
DECENTRATION		

OBSERVATIONS AND RECOMMENDATIONS

- HIFI anti-reflective treatments are recommended.
- For prism, decentration, and cylinder supplements, it is recommended to consult the possibility of manufacturing.
- Colored lenses delivery time 10 days.
- Dark shades: Brown 80% (D).
- The D shade coloring does not allow the possibility of ordering lenses with both multi-layer coating and coloring on the same lens.
- **Please consult the possibility of manufacturing according to the refractive index.

MINERAL SUPPLEMENTS

SINGLE VISION MINERALS	NEO PRO 16	NEO PRO 17	NEO PRO 16 PHOTOCHROMIC	WHITE UV	PHOTOCHROMIC	ASPHERLENT BROWN	FLAT	FLAT BROWN II	FLINT 1.7	FLINT 1.8	FLINT 1.9
HIFI MONOFOCAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
C. BROWN D MONO. 1.5-1.6	✓	✓	✓	✓			✓				
C. BROWN D MONO. 1.7									✓	✓	✓
SPECIAL THICKNESS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CYL 6.25 TO 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRISM UP TO 5 DP**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRISM 5.25-10DP**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRE-CALIBRATED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DECENTRATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- HIFI anti-reflective treatments are recommended.
- For prism, decentration, and cylinder supplements, it is recommended to consult the possibility of manufacturing.
- Colored lenses delivery time 10 days.
- Dark shades: Brown 80% (D).
- The D shade coloring does not allow the possibility of ordering lenses with both multi-layer coating and coloring on the same lens.
- **Please consult the possibility of manufacturing according to the refractive index.

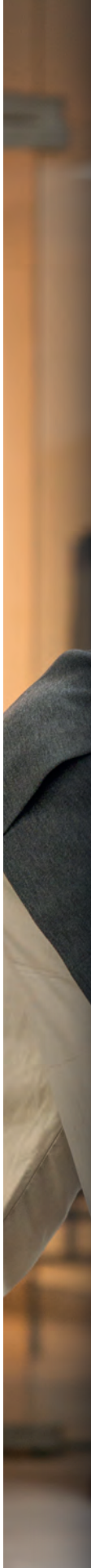


WORK USE

Progressive / Single Vision

Office work, and especially working in front of a computer, is among the most visually demanding due to the concentration of the gaze on a single point, the number of hours of continuous vital effort, and the prolonged exposure to screen light.

The VIMAX WORK USE progressive and single vision. lenses are specifically designed for this purpose, providing the user with vision adapted to the work environment and offering greater comfort throughout the day.





VIMAX
OFFIPLUS

VIMAX
SCREEN

NEO RELAX
PLUS

WORK USE

Progressive / Single Vision



Visual comfort for the
work environment

VIMAX Offiplus is the range of occupational progressives designed to optimize vision in workspaces, where precision, comfort, and ergonomics are key.

INDICATED FOR

Presbyopes who make intensive use of vision at near and intermediate distances, and who prioritize ergonomics and field width at these distances.

TO HIGHLIGHT

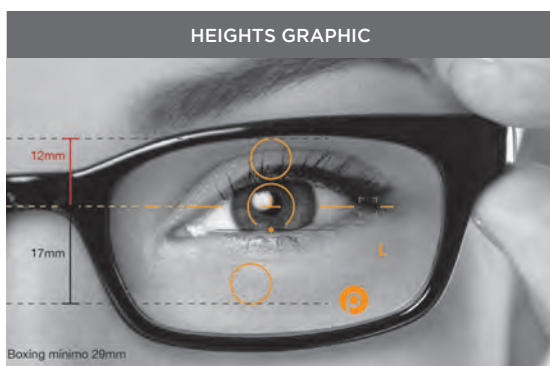
Vimax Offiplus integrates two design variants: Balance and PC, which expand the possibilities for customization and allow for a more precise adaptation to each user's visual needs and the specific demands of their work environment.

(See more information on page 73).

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Fixed corridor	14 mm.
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading Distance	✓
	FAR Depth of field	Variable between 133 and 1000 cm.



PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 17 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Facial angle.
 Pantoscopic angle.
 Frame base.
 Reading distance (NWD): variable between 25 and 50 cm.
 Depth of field: variable between 133 cm and 10 meters.

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

VIMAX OFFIPLUS 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
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-9,50				
-10,00				
ADDITIONS 1.25 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

VIMAX OFFIPLUS 1.6				
VIMAX OFFIPLUS 1.6 BSS				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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-10,00				
ADDITIONS 1.25 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX OFFIPLUS 1.67 BSS									
ESF	CIL +								
	1,00	2,00	3,00	4,00					
11,50									
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-10,50									
-11,00									
-11,50									
ADDITIONS 1.25 TO 3.00									
MAXIMUM Ø				70/75					
SPECIAL Ø				75/80					
MAXIMUM Ø + OFF-CENTER				70/75					
SPECIAL Ø + OFF-CENTER				75/80					

1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY



Precise and stable
vision for focused
tasks

VIMAX Screen is an occupational progressive lens that provides a wide and uniform field of vision at the defined working distance. This allows the entire screen or operational area to be viewed clearly, without blurred areas or loss of sharpness, promoting a more natural, stable, and efficient vision.

INDICATED FOR

Presbyopes with static jobs that require prolonged focus at intermediate and near distances, such as computer use, reading, or precision tasks.

TO HIGHLIGHT

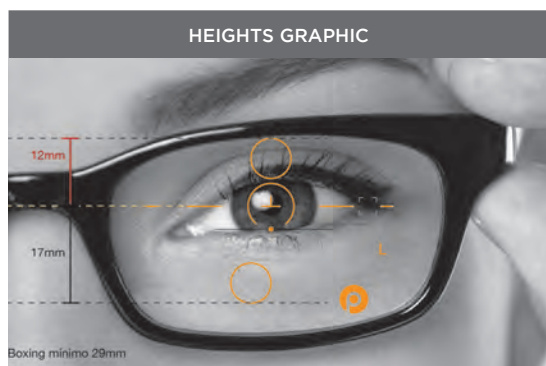
The design of VIMAX Screen is optimized to offer maximum visual performance between 40 cm and an individually defined intermediate distance, within the range of 60 cm to 1 meter, according to the user's needs.

(See more information on page 73).

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Fixed corridor	14 mm.
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.
PRO VISION ADAPT Individual parameters	CLINIC Clinical inset	✓
	READ Reading Distance	✓
	FAR Depth of field	variable between 0.6 and 1 meter.



PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 17 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

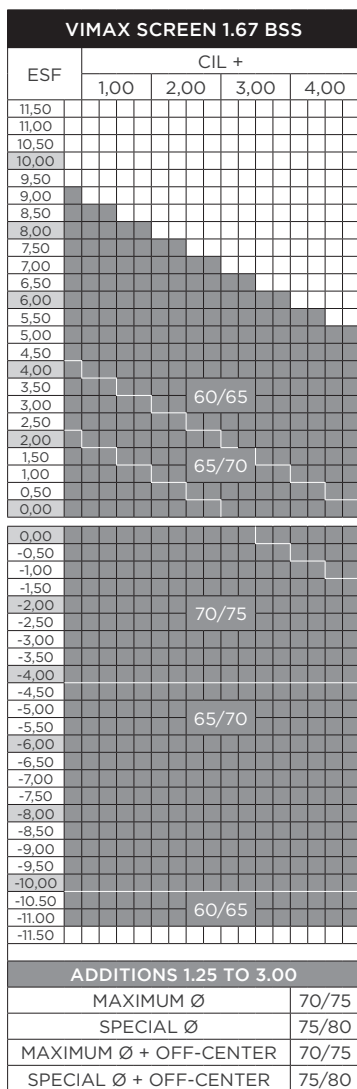
Interpupillary distance.
 Pupil height.
 Facial angle.
 Pantoscopic angle.
 Frame base.
 Working distance: variable between 0.6 and 1 meter.

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

VIMAX SCREEN 1.5				
ESF	CIL +			
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-10,00				
ADDITIONS 1.25 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

VIMAX SCREEN 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
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ADDITIONS 1.25 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	



1.67	1.6	1.5	INDEX
32	42	58	ABBE NO.
1.35	1.30	1.32	DENSITY

SUPPLEMENTS WORK USE

PROGRESSIVE SUPPLEMENTS	VIMAX® OFFIPLUS		VIMAX® SCREEN	
	1,5	1,6	1,5	1,6
ORGADUR	✓		✓	
QUARZ AIRON ^{UV}	✓	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓	✓
QUARZ BLUE	✓	✓	✓	✓
QUARZ XTREM	✓	✓	✓	✓
QUARZ SUN				
PRATS MIRRORED				
SOLID COLOR				
GRADAL				
BI-GRADAL				
URBAN COLORS				
NEURO COLORS	✓	✓	✓	✓
AS SAMPLE*				
CSR QUARZ BI	✓	✓	✓	✓
CSR QUARZ AI	✓	✓	✓	✓
CSR 2A -2B QUARZ BI				
CSR 2A -2B QUARZ AI	✓	✓	✓	✓
CSR SOL QUARZ BI	✓	✓	✓	✓
CSR SOL QUARZ AI				
PRATS FILTERS	✓	✓	✓	✓
UV FILTER	✓		✓	
SPECIAL THICKNESS	✓	✓	✓	✓
SPECIAL BASE	✓	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓	✓
CYL 6.25 TO 10	✓	✓	✓	✓
PRISM UP TO 5 DP**	✓	✓	✓	✓
PRISM 5.25-10DP**	✓	✓	✓	✓
PRE-CALIBRATED	✓	✓	✓	✓
OUT OF STANDARD	✓	✓	✓	✓
DECENTRATION	✓	✓	✓	✓
SPECIAL DIAMETER				
ICONIC TOUCH†	✓	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Quarz Solutions treatments are recommended. (applied to both sides of the lens in all cases).
- All lenses manufactured with n 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- All lenses manufactured with n 1.6 and 1.6 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. it is recommended to consult the possibility of manufacturing.
- Tinted lenses delivery time 1 week.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- **Please consult the possibility of manufacturing according to the refractive index.



NEO RELAX PLUS

The advanced single
vision lens that relaxes
your vision

Neo Relax Plus is the *freeform* lens that enhances near vision to relax the visual system and reduce possible symptoms associated with the digital lifestyle. Calculated in real time according to the user's parameters and prescription.

INDICATED FOR

Users of single vision lenses whose daily visual demands may ultimately cause visual fatigue.

TO HIGHLIGHT

Incorporates 4 power variations:
+0.45 / +0.65 / +0.85 / +1.10.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Standard.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Relax Design Level.

NEO RELAX PLUS

NEO RELAX PLUS 1.6					
NEO RELAX PLUS PHOTOCHROM 1.6					
ESF	CIL +				
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MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/70
SPECIAL Ø + OFF-CENTER					75/80

NEO RELAX PLUS TINT 1.6					
GRADUATED TINT					
NEO RELAX PLUS 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
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-10,00					
MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/70
SPECIAL Ø + OFF-CENTER					75/80

NEO RELAX PLUS 1.67					
NEO RELAX PLUS 1.67 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
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MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/70
SPECIAL Ø + OFF-CENTER					75/80

1.67	1.6	INDEX
32	42	ABBE NO.
1.35	1.30	DENSITY

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS WORK USE

SINGLE VISION SUPPLEMENTS	NEO RELAX PLUS	
B=White F=Photochromic	B	F
QUARZ AIRON ^{UV}	✓	✓
QUARZ XTRAMAX	✓	✓
QUARZ BLUE	✓	✓
QUARZ XTREM	✓	✓
QUARZ SUN	✓	
UNITONE		
GRADAL	✓	
BI-GRADAL	✓	
URBAN COLORS	✓	
NEURO COLORS	✓	
AS SAMPLE*	✓	
CSR QUARZ AI	✓	✓***
CSR 2A -2B QUARZ AI	✓	
CSR SOL QUARZ AI	✓	
PRATS FILTERS	✓	
UV FILTER	✓	
SPECIAL THICKNESS	✓	✓
SPECIAL BASE	✓	✓
CYL 4.25 TO 6	✓	✓
CYL 6.25 TO 10	✓	✓
PRISM UP TO 5 DP**	✓	✓
PRISM 5.25-10DP**	✓	✓
PRE-CALIBRATED	✓	✓
OUT OF STANDARD	✓	✓
DECENTRATION	✓	✓
SPECIAL DIAMETER		
ICONIC TOUCH*	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- Quarz Solutions treatments are recommended. (applied to both sides of the lens in all cases).
- All lenses manufactured with n 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- All lenses manufactured with n 1.6 and 1.6 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. it is recommended to consult the possibility of manufacturing.
- Tinted lenses delivery time 1 week.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- **Please consult the possibility of manufacturing according to the refractive index.



DRIVE USE

Progressive / Single Vision

The VIMAX DRIVE USE lenses have been designed to provide drivers of any vehicle with optimized fields of vision in the distance and intermediate zones, as well as greater lateral visibility. Fundamental aspects in driving.

In addition, they incorporate the X-DRIVE protection filter, which reduces glare during night vision, as well as improving contrast and sharpness of vision at all times.



VIMAX
DRIVE

NEO
PRO DRIVE

DRIVE USE
Progressive / Single Vision



The progressive lens
especially for
driving

VIMAX Drive is the progressive lens of the VIMAX family with a specific design for driving, calculated in real time according to the user's parameters and prescription, also taking into account the different gaze angles for intermediate distance in various vehicles.

INDICATED FOR

Presbyopes seeking the best quality of vision, and maximum comfort and safety while driving, whether by car or motorcycle.

TO HIGHLIGHT

Not recommended for near vision tasks. Incorporates a specific protection filter against glare in low light conditions and a contrast enhancer.

Specifically developed for driving according to the type of vehicle: M (motorcycle) C (car) B (both).

The design adapts to the parameters of the frame.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Corridor	15 mm.
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Type of vehicle.
User initials.
Facial angle.
Pantoscopic angle.
Vertex distance.
Frame base.

VIMAX DRIVE 1.6					
VIMAX DRIVE 1.6 TINT GRADUATED TINT					
VIMAX DRIVE 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
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-7,00					
-7,50					
-8,00					
-8,50					
-9,00					
-9,50					
-10,00					
ADDITIONS 1.25 TO 3.50					
MAXIMUM Ø	70/75				
SPECIAL Ø	80/85				
MAXIMUM Ø + OFF-CENTER	70/81				
SPECIAL Ø + OFF-CENTER	80/91				

VIMAX DRIVE POLAR 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00				
1,50				
1,00				
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-6,00				
-6,50				
-7,00				
-7,50				
-8,00				
-8,50				
-9,00				
ADDITIONS 1.25 TO 3.50				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/81			
SPECIAL Ø + OFF-CENTER	80/91			

1.6	INDEX
42	ABBE NO.
1.30	DENSITY

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS DRIVE USE

PROGRESSIVE SUPPLEMENTS	R.R.P.	VIMAX® DRIVE
QUARZ X-DRIVE	34.00 €	✓
SPECIAL THICKNESS	26.00 €	✓
SPECIAL BASE	W/O	✓
CYL 4.25 TO 6	26.00 €	✓
CYL 6.25 TO 10	29.00 €	✓
PRISM UP TO 5 DP**	22.00 €	✓
PRISM 5.25-10DP**	29.00 €	✓
PRE-CALIBRATED	18.00 €	✓
OUT OF STANDARD	30.00 €	✓
DECENTRATION	26.00 €	✓
SPECIAL DIAMETER	22.00 €	✓
ICONIC TOUCH*	19.00 €	✓

OBSERVATIONS AND RECOMMENDATIONS

- The Quarz X-Drive treatment is mandatory throughout the entire range.
- Due to binocular calculation, for replacements of only one eye, it is essential to provide the prescription of the contralateral eye.
- The Vimax Drive polar Motorcycle version is not recommended for use with helmets with polycarbonate visors.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- **Please consult the possibility of manufacturing according to the refractive index.



NEO PRO DRIVE

The advanced single vision lens specially designed for driving

Neo Pro Drive is the ideal *freeform* single vision lens for driving. Calculated in real time according to the user's parameters and prescription.

SUITABLE FOR

Single vision lens users who seek the best quality of vision, and maximum comfort and safety while driving.

TO HIGHLIGHT

It incorporates the new Pro design and a specific protective filter against glare in low light conditions, as well as a contrast enhancer.

The design adapts to the parameters of the frame.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATION: Faceted envelope.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Facial angle.
 Pantoscopic angle.
 Vertex distance.



NEO PRO DRIVE

VIMAX
DRIVE

NEO PRO DRIVE 1.6					
NEO PRO DRIVE TINT 1.6 GRADUATED TINT					
NEO PRO DRIVE 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
6,50					
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-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
-8,50					
-9,00					
-9,50					
-10,00					
MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/76
SPECIAL Ø + OFF-CENTER					75/86

NEO PRO DRIVE 1.6 POLAR					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
6,50					
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-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
-8,50					
-9,00					
-9,50					
-10,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					80/91

1.6	INDEX
42	ABBE NO.
1.30	DENSITY

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

NEO
PRO DRIVE

SUPPLEMENTS DRIVE USE

SINGLE VISION SUPPLEMENTS	R.R.P.	NEO PRO DRIVE
QUARZ X-DRIVE	34.00 €	✓
SPECIAL THICKNESS	26.00 €	✓
SPECIAL BASE	W/O	✓
CYL 4.25 TO 6	26.00 €	✓
CYL 6.25 TO 10	29.00 €	✓
PRISM UP TO 5 DP**	22.00 €	✓
PRISM 5.25-10DP**	29.00 €	✓
PRE-CALIBRATED	18.00 €	✓
OUT OF STANDARD	30.00 €	✓
DECENTRATION	26.00 €	✓
SPECIAL DIAMETER	22.00 €	✓
ICONIC TOUCH*	19.00 €	✓

OBSERVATIONS AND RECOMMENDATIONS

- The Quarz X-Drive treatment is mandatory throughout the entire range.
- Due to binocular calculation, for replacements of only one eye, it is essential to provide the prescription of the contralateral eye.
- The Vimax Drive polar Motorcycle version is not recommended for use with helmets with polycarbonate visors.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- **Please consult the possibility of manufacturing according to the refractive index.



KIDS USE

Progressive / Single Vision

Children's vision requires specific visual solutions designed for them, beyond simply adapting adult lenses to a smaller size.

The VIMAX KIDS USE lens line has been designed by PRATS, taking into account its application in children's clinical optometry, and adapting the entire lens design to the morphological characteristics specific to young children.



VIMAX
KIDS

NEO RELAX
KIDS

MYOP
KIDS

DEFOCUS
KIDS

KIDS USE
Progressive / Single Vision



The progressive lens
for children's frames

VIMAX Kids is a progressive lens of size and *freeform* design, specifically designed for children. Calculated in real time according to the user's parameters and prescription.

INDICATED FOR

Children whose visual system requires additional power for near vision, whether for functional reasons, binocular dysfunction, or as support for the extra effort in near vision required by digital life.

TO HIGHLIGHT

Its design takes into account the different morphological characteristics of children (corneal distance, pantoscopic angle, facial angle) and additions from 0.75 to 1.50 Dp.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (12 – 13)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	6°
	FACE Facial Angle	5°
	VERTEX Vertex distance	12 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 14 mm.
RECOMMENDED MINIMUM HEIGHT: 16 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.

VIMAX KIDS 1.6					
VIMAX KIDS 1.6 TINT GRADUATED TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
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-7,50					
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-8,50					
-9,00					
-9,50					
-10,00					
ADDITIONS 0.75 TO 1.50					
MAXIMUM Ø				70/75	
SPECIAL Ø				75/80	
MAXIMUM Ø + OFF-CENTER				70/75	
SPECIAL Ø + OFF-CENTER				75/80	

VIMAX KIDS 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
7,50					
7,00					
6,50					
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-7,00					
-7,50					
-8,00					
-8,50					
-9,00					
-9,50					
-10,00					
ADDITIONS 0.75 TO 1.50					
MAXIMUM Ø				70/75	
SPECIAL Ø				75/80	
MAXIMUM Ø + OFF-CENTER				70/75	
SPECIAL Ø + OFF-CENTER				75/80	

1.6	INDEX
42	ABBE NO.
1.30	DENSITY

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS KIDS USE

SUPPLEMENTS	VIMAX® KIDS
QUARZ XMAX KIDS	✓
QUARZ BLUE KIDS	✓
QUARZ AIRON KIDS	✓
QUARZ SUN KIDS	✓
SINGLE TONE	
GRADAL	✓
BI-GRADAL	✓
URBAN COLORS	✓
NEURO COLORS	✓
AS SAMPLE*	✓
CSR QUARZ AI	✓
CSR 2A -2B QUARZ AI	✓
CSR SOL QUARZ AI	✓
PRATS FILTERS	✓
UV FILTER	
SPECIAL THICKNESS	✓
SPECIAL BASE	✓
CYL 4.25 TO 6	✓
CYL 6.25 TO 10	
PRISM UP TO 5 DP**	✓
PRISM 5.25-10DP**	✓
PRE-CALIBRATED	✓
OUT OF STANDARD	✓
DECENTRATION	✓
SPECIAL DIAMETER	
ICONIC TOUCH*	✓

OBSERVATIONS AND RECOMMENDATIONS

- All lenses manufactured with n 1.6 and 1.67 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- Colored lenses delivery time: 1 week.
- Mirrored lenses delivery time approx. 10 days.
- Light shades: 10-20-35-60%.
- Dark tones: 80-90-95%.
- Due to binocular calculation, for replacements of only one eye, it is essential to provide the prescription of the contralateral eye.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- **Please consult the possibility of manufacturing according to the refractive index.



NEO RELAX KIDS

The advanced single
vision lens for children

Neo Relax Kids is the *freeform* lens specifically designed for children, which enhances near vision. Calculated in real time according to the user's parameters and prescription.

INDICATED FOR

Children who spend excessive hours using near vision in their daily activities, or who have binocular dysfunctions, whose visual system requires assistance to relax accommodative effort.

TO HIGHLIGHT

It incorporates a gentle power variation of +0.65 Dp.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	6°
	FACE Facial Angle	5°
	VERTEX Vertex distance	12 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Standard.
MINIMUM HEIGHT: 14 mm.
RECOMMENDED MINIMUM HEIGHT: 16 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.

NEO RELAX KIDS 1.6					
NEO RELAX KIDS 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
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-9,00					
-9,50					
-10,00					
MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/70
SPECIAL Ø + OFF-CENTER					75/80

NEO RELAX KIDS 1.6 TINT GRADUATED TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
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8,00					
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-9,00					
-9,50					
-10,00					
MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/70
SPECIAL Ø + OFF-CENTER					75/80

1.6	INDEX
42	ABBE NO.
1.30	DENSITY

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS KIDS USE

SUPPLEMENTS	NEO RELAX KIDS	MYOP KIDS	DEFO- CUS KIDS
QUARZ XMAX KIDS	✓	✓	✓
QUARZ BLUE KIDS	✓		✓
QUARZ AIRON KIDS	✓		✓
QUARZ SUN KIDS	✓		✓
SINGLE TONE	✓		✓
GRADAL	✓		✓
BI-GRADAL	✓		✓
URBAN COLORS			
NEURO COLORS			
AS SAMPLE*	✓		✓
CSR QUARZ AI	✓		✓
CSR 2A -2B QUARZ AI	✓		✓
CSR SOL QUARZ AI	✓		✓
PRATS FILTERS	✓		✓
UV FILTER			
SPECIAL THICKNESS	✓		
SPECIAL BASE	✓		
CYL 4.25 TO 6	✓		
CYL 6.25 TO 10	✓		
PRISM UP TO 5 DP**	✓		
PRISM 5.25-10DP**	✓		
PRE-CALIBRATED	✓		
OUT OF STANDARD	✓		
DECENTRATION			
SPECIAL DIAMETER			
ICONIC TOUCH*	✓		

OBSERVATIONS AND RECOMMENDATIONS

- All lenses manufactured with n 1.6 and 1.67 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- Colored lenses delivery time: 1 week.
- Mirrored lenses delivery time approx. 10 days.
- Light shades: 10-20-35-60%.
- Dark tones: 80-90-95%.
- Due to binocular calculation, for replacements of only one eye, it is essential to provide the prescription of the contralateral eye.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- **Please consult the possibility of manufacturing according to the refractive index.



The single vision
defocus lens for myopia
management

Myop Kids are daily use lenses, designed with DCMO technology (*Defocus of Composite Multi Optical-Microlens*).

INDICATED FOR

Children and adolescents with progressive myopia, or in those cases where the prescriber deems it appropriate.

TO HIGHLIGHT

The Myop Kids lens consists of a central area, 10 mm in diameter, with the precise power for myopia correction, and a peripheral area with 485 aspheric microlenses, whose power increases gradually from +4.00 diopters up to approximately +4.50 diopters, causing a myopic defocus on the peripheral retina.



Graphical simulation of the microlenses.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

DCMO TECHNOLOGY

Defocus of Composite
Multi Optical-Microlens

✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T.

(Adapt Robotic Technology)

✓

FREEFORM A.S.C.

(Adapt Superior Calculation)

✓

QUALITY CONTROL A.I.V.

(Artificial Intelligent Vision)

✓

DECENTRATION – PRECALIBRATION – HEIGHT

WITHOUT DECENTRATION

PRECALIBRATED: Standard.

ORDER DATA

Interpupillary distance.

Pupil height.



MYOP KIDS 1.56				
ESF	CIL +			
	1,00	2,00	3,00	4,00
0,00				
-0,50				
-1,00				
-1,50				
-2,00				
-2,50				
-3,00				
-3,50		72		
-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
-6,50				
-7,00				

SUPPLEMENTS

SINGLE VISION	MYOP KIDS
QUARZ XTRAMAX KIDS	✓



The variable adaptive defocus monofocal lens for myopia management

Defocus kids are peripheral defocus lenses, designed at Prats with DEFOCUS technology.

INDICATED FOR

Children and adolescents with progressive myopia, or in those cases where the prescriber deems it appropriate.

TO HIGHLIGHT

Peripheral refraction control is achieved through a horizontal progression axis. The lens consists of a central area between 11 and 15 mm in width (depending on the myopia), and a constant average power along the vertical axis.

The power of the lens increases asymmetrically from the pupil point towards the sides. The amount of defocus on the temporal side varies between 1.50 and 3.00 Dp., while on the nasal side it varies between 1.00 and 2.50 Dp.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

DEFOCUS TECHNOLOGY
Variable adaptive defocus technology

✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T.
(Adapt Robotic Technology)

✓

FREEFORM A.S.C.
(Adapt Superior Calculation)

✓

QUALITY CONTROL A.I.V.
(Artificial Intelligent Vision)

✓

DECENTRATION – PRECALIBRATION – HEIGHT

WITHOUT DECENTRATION
PRECALIBRATED: Standard.

ORDER DATA

Interpupillary distance.
Pupil height.

DEFOCUS KIDS 1.6					
DEFOCUS KIDS 1.6 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
0,00					
-0,50					
-1,00					
-1,50					
-2,00					
-2,50					
-3,00					
-3,50					
-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
-6,50					
-7,00					

DEFOCUS KIDS 1.67					
DEFOCUS KIDS 1.67 BSS					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
0,00					
-0,50					
-1,00					
-1,50					
-2,00					
-2,50					
-3,00					
-3,50					
-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
-8,50					
-9,00					
-9,50					
-10,00					

SUPPLEMENTS

SINGLE VISION	DEFOCUS KIDS
QUARZ XTRAMAX KIDS	✓
QUARZ BLUE KIDS	✓
QUARZ AIRON KIDS	✓

OBSERVATIONS AND RECOMMENDATIONS

- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- Colored lenses delivery time: 1 week.
- Mirrored lenses delivery time approx. 10 days.
- Light shades: 10-20-35-60%.
- Dark tones: 80-90-95%.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- Quarz Solutions treatments are recommended. (applied to both sides of the lens in all cases).
- **Please consult the possibility of manufacturing according to the refractive index.



CLINICAL USE

Progressive / Single Vision

In certain visual difficulties, conventional lenses are not the appropriate solution. For this reason, the progressive and single vision lenses. of the VIMAX CLINICAL USE family were created.

These lenses provide a specific solution for high myopia, hyperopia, high near prescriptions.. and/or lenses with selective colors, called visual filters; all of this to improve vision quality in cases that require special attention.



VIMAX
HIGH ADD

VIMAX
MIOPAS

VIMAX
POWER

MYOPAS

SINGLE VISION
CATARATA LAB 1.5

CLINICAL USE Progressive / Single Vision



The progressive lens
for low vision

VIMAX High Add is a freeform progressive lens, *calculated* in real time according to the user's parameters and prescription, and manufactured with high additions., calculated in real time according to the user's parameters and prescription, manufactured with high additions.

INDICATED FOR

Presbyopes with low vision, who require additions greater than 3.5 Dp and up to 4.25 Dp.

TO HIGHLIGHT

Please consult regarding the possibility of addition up to 4.5 Dp.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Corridor	18 mm.
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle.	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 20 mm.
RECOMMENDED MINIMUM HEIGHT: 22 mm.

ORDER DATA

Interpupillary distance.
Pupil height.
Frame base.



The progressive lens
for high myopia

VIMAX Miopas is a progressive lens of size and *freeform* design, calculated in real time according to the user's parameters and prescription, with high negative powers.

INDICATED FOR

Presbyopes with high myopia (greater than -8 Dp), who wish to see with their progressive lenses at all distances comfortably and with ease.

TO HIGHLIGHT

A special faceted design is applied that optimizes the edge thickness.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle.	7°
	FACE Facial Angle	5°
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATED: Decentered Prelipse.
MINIMUM HEIGHT: 20 mm.
RECOMMENDED MINIMUM HEIGHT: 22 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Facet diameter.



SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.



The progressive lens for
high hyperopia

VIMAX Power is a progressive lens of size and *freeform* design, calculated in real time according to the user's parameters and prescription, with high positive powers.

INDICATED FOR

Presbyopes with high hyperopia (greater than +6 Dp.), who wish to see with their progressive lenses at all distances comfortably and with ease.

TO HIGHLIGHT

A special faceted design is applied that optimizes the center thickness. The design adapts to the parameters of the frame.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle.	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Fixed at 2.5 mm.
PRECALIBRATION: Faceted envelope.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 User initials.
 Frame base.
 Facial angle.
 Pantoscopic angle.



VIMAX[®] CLINICAL USE

VIMAX HIGH ADD 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
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-7,50				
-8,00				
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-9,00				
-9,50				
-10,00				
ADDITIONS 3.75 - 4.00 - 4.25				
MAXIMUM Ø	70/75			
SPECIAL Ø	75/80			
MAXIMUM Ø + OFF-CENTER	70/75			
SPECIAL Ø + OFF-CENTER	75/80			

VIMAX MIOPAS 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
1,50				
1,00				
0,50				
0,00				
0,00				
-0,50				
-1,00				
-1,50				
-2,00				
-2,50				
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-17,50				
-18,00				
-18,50				
-19,00				
-19,50				
-20,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	65/70			
SPECIAL Ø	65/70			
MAXIMUM Ø + OFF-CENTER	65/70			
SPECIAL Ø + OFF-CENTER	65/70			

VIMAX POWER 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
23,50				
23,00				
22,50				
22,00				
21,50				
21,00				
20,50				
20,00				
19,50				
19,00				
18,50				
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3,50				
3,00				
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2,00				
1,50				
1,00				
0,50				
0,00				
ADDITIONS 0.75 TO 3.50				
MAXIMUM Ø	65/70			
SPECIAL Ø	65/70			
MAXIMUM Ø + OFF-CENTER	65/70			
SPECIAL Ø + OFF-CENTER	65/70			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

SUPPLEMENTS CLINICAL USE

SUPPLEMENTS	VIMAX® HIGH ADD	VIMAX® MYOPIAS	VIMAX® POWER
QUARZ AIRON ^{UV}	✓	✓	✓
QUARZ XTRAMAX	✓	✓	✓
QUARZ BLUE	✓	✓	✓
QUARZ XTREM	✓	✓	✓
QUARZ SUN	✓	✓	✓
UNITONE	✓	✓	✓
GRADAL	✓	✓	✓
BI-GRADAL	✓	✓	✓
URBAN COLORS	✓	✓	✓
NEURO COLORS	✓	✓	✓
AS SAMPLE*	✓	✓	✓
CSR QUARZ AI	✓	✓	✓
PRATS FILTERS	✓	✓	✓
UV FILTER			
SPECIAL THICKNESS	✓	✓	✓
SPECIAL BASE	✓	✓	✓
CYL 4.25 TO 6	✓	✓	✓
CYL 6.25 TO 10			
PRISM UP TO 5 DP**	✓	✓	✓
PRISM 5.25-10DP**	✓		
PRE-CALIBRATED	✓	✓	✓
OUT OF STANDARD	✓	✓	✓
DECENTRATION	✓	✓	•
SPECIAL DIAMETER			
ICONIC TOUCH [†]	✓	✓	✓

OBSERVATIONS AND RECOMMENDATIONS

- All manufactured lenses with index 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- Colored lenses delivery time: 1 week.
- Mirrored lenses approximate delivery time: 10 days. The mirrored treatment is not compatible with the Quarz family.
- Light shades: 10-20-35-60%.
- Dark tones: 80-90-95%.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- Quarz treatments on shades 60-80-90-95, polarized lenses, and Drivewear are only applied on the inner side.
- Due to binocular calculation, for replacements of a single eye, it is essential to provide the prescription of the contralateral eye.
- **Please consult the possibility of manufacturing according to the refractive index.

1.67	INDEX
32	ABBE NO.
1.35	DENSITY



The advanced monofocal
lens without limits for
high myopias

Myopias is the *freeform* monofocal lens with a special design for high myopias. Calculated in real time according to the user's parameters and prescription.

INDICATED FOR

Users with high myopias seeking to optimize vision and aesthetics.

TO HIGHLIGHT

A special faceted design is applied to optimize thicknesses. No limits in vision quality in the faceted central area.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle.	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.



PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5 mm.
PRECALIBRATED: Faceted.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Facial angle.
 Pantoscopic angle.

EYLHIS 1.67		LIMITS	EYLHIS 1.74	
MINIMUM BEVEL	BASES		BASES	MINIMUM BEVEL
30 MM	1.00 / 2.00 / 3.00	-4.00 TO -12.00	1.50 / 2.50 / 3.50	30 MM.
34 MM	1.00 / 2.00	-12.00 TO -16.00	1.50 / 2.50	32 MM.
CONSULT MANUFACTURING POSSIBILITIES		-16.00 TO -20.00	1.50	36 MM.

SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

MYOPIAS 1.67					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
1,50					
1,00					
0,50					
0,00					
0,00					
-0,50					
-1,00					
-1,50					
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-19,50					
-20,00					
MAXIMUM Ø					65
SPECIAL Ø					65
MAXIMUM Ø + OFF-CENTER					65
SPECIAL Ø + OFF-CENTER					65

MYOPIAS 1.67 BLUE SAFE SYSTEM					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
1,50					
1,00					
0,50					
0,00					
0,00					
-0,50					
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-19,50					
-20,00					
MAXIMUM Ø					65
SPECIAL Ø					65
MAXIMUM Ø + OFF-CENTER					65
SPECIAL Ø + OFF-CENTER					65

MYOPIAS 1.74					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
1,50					
1,00					
0,50					
0,00					
0,00					
-0,50					
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-20,00					
MAXIMUM Ø					65
SPECIAL Ø					65
MAXIMUM Ø + OFF-CENTER					65
SPECIAL Ø + OFF-CENTER					65

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

MYOPIAS 1.74 BLUE SAFE SYSTEM

ESF	CIL +			
	1,00	2,00	3,00	4,00
1,50				
1,00				
0,50				
0,00				
-0,50				
-1,00				
-1,50				
-2,00				
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-18,50				
-19,00				
-19,50				
-20,00				
MAXIMUM Ø				65
SPECIAL Ø				65
MAXIMUM Ø + OFF-CENTER				65
SPECIAL Ø + OFF-CENTER				65

MYOPIAS 1.67 PHOTOCHROM

ESF	CIL +			
	1,00	2,00	3,00	4,00
1,50				
1,00				
0,50				
0,00				
-0,50				
-1,00				
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-19,00				
-19,50				
-20,00				
MAXIMUM Ø				65
SPECIAL Ø				65
MAXIMUM Ø + OFF-CENTER				65
SPECIAL Ø + OFF-CENTER				65

1.74	1.67	INDEX
33	32	ABBE NO.
1.47	1.35	DENSITY



MONO

CATARATA LAB 1.5

The monofocal lens with
lenticular design

Lab Catarata is the monofocal lens with a special design for high hyperopic prescriptions.

INDICATED FOR

Post-cataract surgery without implantation of a compensating intraocular lens.

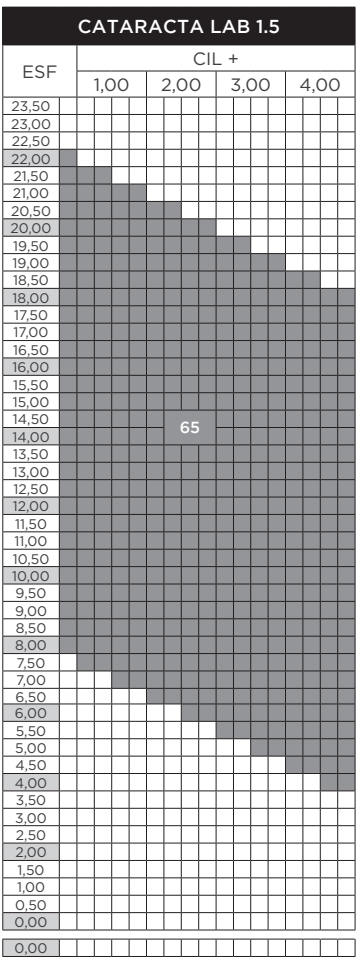
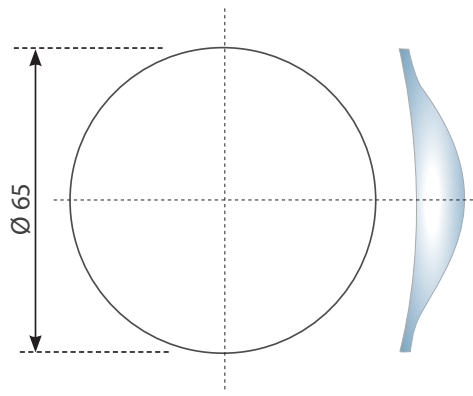
TO HIGHLIGHT

Lens with lenticular design that provides clear and comfortable vision without aberrations in the central area, with a diameter of 44 mm, eliminating the classic annular scotoma.

ORDER DATA

Interpupillary distance.
Pupil height.

CATARATA GRAPHIC



SUPPLEMENTS AND RECOMMENDATIONS AT THE END OF THIS SECTION.

1.5	INDEX
58	ABBE NO.
1.32	DENSITY

SUPPLEMENTS CLINICAL USE S.V.

SUPPLEMENTS	MIOPAS	CATARATA LAB 1.5
ORGADUR		✓
QUARZ AIRON ^{UV}		✓
QUARZ XTRAMAX		✓
QUARZ BLUE		✓
QUARZ XTREM	✓	✓
QUARZ SUN	✓	✓
SINGLE TONE	✓	✓
GRADAL	✓	✓
BI-GRADAL	✓	✓
URBAN COLORS	✓	
NEURO COLORS	✓	
AS SAMPLE*	✓	✓
CSR QUARZ BI		✓
CSR QUARZ AI	✓	
CSR 2A-2B QUARZ BI		✓
CSR 2A-2B QUARZ AI	✓	
CSR SOL QUARZ BI		✓
CSR SOL QUARZ AI	✓	
PRATS FILTERS	✓	✓
UV FILTER		✓
SPECIAL THICKNESS	✓	✓
SPECIAL BASE	✓	✓
CYL 4.25 TO 6	✓	✓
CYL 6.25 TO 10	✓	✓
PRISM UP TO 5 DP**		✓
PRISM 5.25-10DP**		✓
PRE-CALIBRATED	✓	✓
OUT OF STANDARD	✓	✓
DECENTRATION	✓	
SPECIAL DIAMETER	✓	
ICONIC TOUCH [†]	✓	

OBSERVATIONS AND RECOMMENDATIONS

- All manufactured lenses with index 1.6, 1.67, and 1.74 must be ordered with Quarz treatment. (Except if it has a mirror coating).
- *Amount ACCORDING TO SAMPLE to be added to the price of the selected tint.
- Colored lenses delivery time: 1 week.
- Mirrored lenses approximate delivery time: 10 days. The mirrored treatment is not compatible with the Quarz family.
- Light shades: 10-20-35-60%. Dark tones: 80-90-95%.
- For supplements of prisms, decentrations, and cylinders greater than 6.00 diopters. It is recommended to consult the possibility of manufacturing.
- Quarz treatments on shades 60-80-90-95, polarized lenses, and Drivewear are only applied on the inner side.
- Due to binocular calculation, for replacements of a single eye, it is essential to provide the prescription of the contralateral eye.
- **Please consult the possibility of manufacturing according to the refractive index.



SPORT USE

Progressive / Single Vision

The practice of sports activities requires the use of appropriate equipment for proper performance: footwear, clothing, protection, etc. Our vision also requires suitable lenses when we practice sports.

VIMAX SPORT USE lenses are the perfect ally for an athlete's vision due to their specific design and materials. They offer a wider, more balanced, and safer vision in your sports and leisure activities, even with curved frames.

VIMAX
SPORT

NEO
PRO SPORT

EVOLTA
PRO SPORT

SPORT USE
Progressive / Single Vision



The progressive lens
for sun, also for sports
frames

VIMAX Sport is the progressive lens of the VIMAX family, calculated in real time according to the user's parameters, prescription, and frame, specifically designed for sports use or with a priority on distance vision and with smooth lateral transitions that expand the intermediate area and facilitate vision in motion.

INDICATED FOR

Presbyopic users of sunglasses or sports glasses, who seek the widest, most balanced, and safest vision in their sports and leisure activities, even with curved frames (up to 30° facial angle)

TO HIGHLIGHT

It optimizes distance and intermediate vision, offering maximum comfort and breadth of vision in outdoor activities. Not recommended for prolonged near vision.

Faceted multi-curve design that reduces thickness and achieves a perfect fit in curved frames.

The design adapts to the parameters of the frame.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Variable corridor	✓ (14 to 18)
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 9.5 mm.
PRECALIBRATED: Faceted.
MINIMUM HEIGHT: 16 mm.
RECOMMENDED MINIMUM HEIGHT: 18 mm.

ORDER DATA

Interpupillary distance.
 Pupil height.
 User initials.
 Frame base.
 Facial angle.
 Pantoscopic angle.
 CRO.
 Vertex distance.

VIMAX SPORT 1.5 TINT GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
2,50					
2,00					
1,50					
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-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
ADDITIONS 0.75 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/89
SPECIAL Ø + OFF-CENTER					80/99

VIMAX SPORT 1.6					
VIMAX SPORT 1.6 TINT GRADAL TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
8,00					
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
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-7,00					
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-8,00					
-8,50					
-9,00					
-9,50					
-10,00					
ADDITIONS 0.75 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/89
SPECIAL Ø + OFF-CENTER					80/99

VIMAX SPORT TREX 1.53					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
2,50					
2,00					
1,50					
1,00					
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-4,00					
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-5,00					
-5,50					
-6,00					
-6,50					
-7,00					
-7,50					
-8,00					
ADDITIONS 0.75 TO 3.00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/89
SPECIAL Ø + OFF-CENTER					80/99

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX SPORT TRANSIT. TREX 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
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-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/89
SPECIAL Ø + OFF-CENTER				75/94

VIMAX SPORT PHOTO 1.53

VIMAX SPORT PHOTO POLAR 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
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-7,50				
-8,00				
SPORT PHOTO ADDITIONS 0.75 - 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/89
SPECIAL Ø + OFF-CENTER				75/94
SPORT PH-POLAR ADD 0.75 - 3.00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/89
SPECIAL Ø + OFF-CENTER				75/94

VIMAX SPORT DRIVEWEAR 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
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4,50				
4,00				
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-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø				72/77
SPECIAL Ø				72/77
MAXIMUM Ø + OFF-CENTER				72/91
SPECIAL Ø + OFF-CENTER				72/91

1.6	1.53	1.5	INDEX
42	45	58	ABBE NO.
1.30	1.11	1.32	DENSITY

VIMAX SPORT POLAR 1.5				
ESF	CIL +			
	1,00	2,00	3,00	4,00
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
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-7,00				
-7,50				
-8,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	72/77			
SPECIAL Ø	72/77			
MAXIMUM Ø + OFF-CENTER	72/91			
SPECIAL Ø + OFF-CENTER	72/91			

VIMAX SPORT POLAR 1.6				
ESF	CIL +			
	1,00	2,00	3,00	4,00
8,00				
7,50				
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-9,00				
-9,50				
-10,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/89			
SPECIAL Ø + OFF-CENTER	80/99			

VIMAX SPORT POLAR 1.67				
ESF	CIL +			
	1,00	2,00	3,00	4,00
8,00				
7,50				
7,00				
6,50				
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-9,00				
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-10,00				
-10,50				
-11,00				
ADDITIONS 0.75 TO 3.00				
MAXIMUM Ø	70/75			
SPECIAL Ø	80/85			
MAXIMUM Ø + OFF-CENTER	70/89			
SPECIAL Ø + OFF-CENTER	80/99			

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

VIMAX SPORT PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
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-9,00				
-9,50				
-10,00				

ADDITIONS 0.75 TO 3.50

MAXIMUM Ø	70/75
SPECIAL Ø	75/80
MAXIMUM Ø + OFF-CENTER	70/89
SPECIAL Ø + OFF-CENTER	75/94

1.6	1.53	1.5	INDEX
42	45	58	ABBE NO.
1.30	1.11	1.32	DENSITY



NEO PRO SPORT

The single vision lens
freeform for sunglass frames

Neo Pro Sport is the single vision *freeform* lens calculated in real time, tailored to the user's parameters, prescription, and frame, designed to offer the highest quality of vision for sports or leisure use. The point-to-point calculation of the surface provides a sharp and clear image in any gaze position and with any type of frame, including curved ones with high facial angles or pantoscopic angles different from the standard.

INDICATED FOR

Users of sunglasses and sports glasses who seek the best quality of vision in any gaze position and with any frame design.

TO HIGHLIGHT

It incorporates the new PRO design and adapts to the characteristics of the frame and the user's morphology.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 8.5 mm.

PRECALIBRATION: Faceted envelope.

ORDER DATA

Interpupillary distance.

Pupil height.

Frame base.

Facial angle.

Pantoscopic angle.

Vertex distance.

NEO PRO SPORT TINT 1.5 GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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-3,00					
-3,50					
-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/87
SPECIAL Ø + OFF-CENTER					80/97

NEO PRO SPORT 1.6 NEO PRO SPORT TINT 1.6 GRADAL TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
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-5,00					
-5,50					
-6,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/87
SPECIAL Ø + OFF-CENTER					80/97

NEO PRO SPORT TREX 1.53					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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-5,50					
-6,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/87
SPECIAL Ø + OFF-CENTER					80/97

DESCRIPTION	
NORMALIZED Ø	It is the standardized Ø recommended by Prats and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Decentration and special diameter supplements apply.
PLEASE CONSULT PRATS ONLINEWEB. FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

NEO PRO S. TRANSITIONS TREX 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
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6,00				
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-5,00				
-5,50				
-6,00				

MAXIMUM Ø		70/75
SPECIAL Ø		80/85
MAXIMUM Ø + OFF-CENTER		70/87
SPECIAL Ø + OFF-CENTER		75/92

NEO PRO SPORT PHOTO 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
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-5,00				
-5,50				
-6,00				

MAXIMUM Ø		70/75
SPECIAL Ø		75/80
MAXIMUM Ø + OFF-CENTER		70/87
SPECIAL Ø + OFF-CENTER		75/92

NEO PRO SPORT PHOTO POLAR 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
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-4,00				
-4,50				
-5,00				
-5,50				
-6,00				

MAXIMUM Ø		70/75
SPECIAL Ø		75/80
MAXIMUM Ø + OFF-CENTER		70/87
SPECIAL Ø + OFF-CENTER		75/92

1.6	1.53	1.5	INDEX
42	45	58	ABBE NO.
1.30	1.11	1.32	DENSITY

NEO PRO SPORT POLAR 1.5					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
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-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
MAXIMUM Ø					72/77
SPECIAL Ø					72/77
MAXIMUM Ø + OFF-CENTER					72/89
SPECIAL Ø + OFF-CENTER					72/89

NEO PRO SPORT POLAR 1.6					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
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6,00					
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-7,00					
-7,50					
-8,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/87
SPECIAL Ø + OFF-CENTER					80/97

NEO PRO SPORT POLAR 1.67					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
10,00					
9,50					
9,00					
8,50					
8,00					
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7,00					
6,50					
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-10,50					
-11,00					
-11,50					
-12,00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					75/96

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

NEO PRO SPORT PHOTOCHROM 1.6

ESF	CIL +			
	1,00	2,00	3,00	4,00
11,50				
11,00				
10,50				
10,00				
9,50				
9,00				
8,50				
8,00				
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
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-6,50				
-7,00				
-7,50				
-8,00				
-8,50				
-9,00				
-9,50				
-10,00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/87
SPECIAL Ø + OFF-CENTER				75/92

NEO PRO SPORT DRIVEWEAR 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00				
3,50				
3,00				
2,50				
2,00				
1,50				
1,00				
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-2,00				
-2,50				
-3,00				
-3,50				
-4,00				
-4,50				
-5,00				
-5,50				
-6,00				
MAXIMUM Ø				72/77
SPECIAL Ø				72/77
MAXIMUM Ø + OFF-CENTER				72/89
SPECIAL Ø + OFF-CENTER				72/89

1.67	1.6	1.53	1.5	INDEX
32	42	45	58	ABBE NO.
1.35	1.30	1.11	1.32	DENSITY



The single vision *freeform* sunglass lens with facets for extreme frames

Evolta Pro Sport is the single vision *freeform* lens with faceted design, calculated in real time to the user's parameters, prescription, and frame, offering the highest quality of vision for sports or leisure use, even with frames of extreme curvature.

INDICATED FOR

Users of sunglasses and sports glasses who seek to optimize the lens-frame aesthetics, even with extreme frames.

TO HIGHLIGHT

It incorporates the new PRO design and applies a multi-curve faceted design that reduces thickness.

Allows facial angles up to 30°, maintaining the highest quality of vision in the optical zone of the facet.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	✓
	CRO Eye rotation center	✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 10.5 mm.

PRECALIBRATED: Faceted.

ORDER DATA

Interpupillary distance.

Pupil height.

Frame base.

Facial angle.

Pantoscopic angle.

Vertex distance.

EVOLTA PRO SPORT

EVOLTA PRO SPORT TINT 1.5 GRADUATED TINT AND MIRROR TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
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-3,00					
-3,50					
-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					80/101

EVOLTA PRO SPORT 1.6					
EVOLTA PRO SPORT 1.6 TINT GRADAL TINT					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
2,50					
2,00					
1,50					
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-2,00					
-2,50					
-3,00					
-3,50					
-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
EVOLTA 1.6					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					80/101
EVOLTA 1.6 TINT					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					80/101

EVOLTA PRO SPORT TREX 1.53					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
4,00					
3,50					
3,00					
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-3,00					
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-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
MAXIMUM Ø					70/75
SPECIAL Ø					80/85
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					80/101

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

EVOLTA S. TRANSITIONS TREX 1.53

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
4,00				
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-5,50				
-6,00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/91
SPECIAL Ø + OFF-CENTER				75/96

EVOLTA PRO SPORT PHOTO 1.53

EVOLTA PRO SPORT PHOTO POLAR 1.53				
ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
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4,50				
4,00				
3,50				
3,00				
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-6,00				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/91
SPECIAL Ø + OFF-CENTER				75/96
EVOLTA PHOTO POLAR 1.53				
MAXIMUM Ø				70/75
SPECIAL Ø				75/80
MAXIMUM Ø + OFF-CENTER				70/91
SPECIAL Ø + OFF-CENTER				75/96

EVOLTA PRO SPORT POLAR 1.5

ESF	CIL +			
	1,00	2,00	3,00	4,00
7,50				
7,00				
6,50				
6,00				
5,50				
5,00				
4,50				
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-5,00				
-5,50				
-6,00				
MAXIMUM Ø				72/77
SPECIAL Ø				72/77
MAXIMUM Ø + OFF-CENTER				72/93
SPECIAL Ø + OFF-CENTER				72/93

1.6	1.53	1.5	INDEX
42	45	58	ABBE NO.
1.30	1.11	1.32	DENSITY

EVOLTA PRO SPORT

EVOLTA PRO SPORT POLAR 1.6					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
6,00					
5,50					
5,00					
4,50					
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-6,50					
-7,00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					75/96

EVOLTA PRO SPORT 1.67					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
7,50					
7,00					
6,50					
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-4,00					
-4,50					
-5,00					
-5,50					
-6,00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					75/96

EVOLTA PRO SPORT PHOTOCHROM 1.6					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
10,50					
10,00					
9,50					
9,00					
8,50					
8,00					
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-7,00					
-7,50					
-8,00					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/91
SPECIAL Ø + OFF-CENTER					75/96

DESCRIPTION	
NORMALIZED Ø	This is the standard Ø recommended by PRATS and indicated inside the table.
MAXIMUM Ø	This is the maximum diameter achievable within the standard and subject to base availability.
SPECIAL Ø	This is the maximum diameter that can be achieved outside the standard and is subject to base availability. A special diameter supplement applies
MAXIMUM DIAMETER + OFFSET . MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the standardized maximum diameter. A decentration supplement applies
SPECIAL Ø + OFFSET. MAXIMUM	It is the maximum Ø that can be achieved by adding the maximum permitted decentration to the maximum non-standard diameter. Off-center and special diameter surcharges apply.
PLEASE CONSULT PRATSONLINEWEB FOR AVAILABILITY OUTSIDE THE STANDARD WHEN PLACING THE ORDER	

EVOLTA PRO SPORT DRIVEWEAR 1.53									
ESF	CIL +								
	1,00	2,00	3,00	4,00					
7,50									
7,00									
6,50									
6,00									
5,50									
5,00									
4,50									
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-4,00									
-4,50									
-5,00									
-5,50									
-6,00									
MAXIMUM Ø				72/77					
SPECIAL Ø				72/77					
MAXIMUM Ø + OFF-CENTER				72/93					
SPECIAL Ø + OFF-CENTER				72/93					

1.67	1.6	1.53	1.5	INDEX
32	42	45	58	ABBE NO.
1.35	1.30	1.11	1.32	DENSITY



SPECIALIZED USE

Progressive / Single Vision

SPECIALIZED USE lenses are lenses with a specific design, customized according to the visual needs of a particular group.

VIMAX
GAMER

NEO PRO
GAMER

SPECIALIZED USE
Progressive / Single Vision



The progressive lens designed to improve gaming performance

VIMAX Gamer is the specifically designed progressive lens that meets the real needs of the presbyopic gamer, improving performance and visual comfort. Its design provides a wide visual field at the distance where the screen is placed, as well as greater visual stability and a reduction in visual fatigue.

INDICATED FOR

Presbyopic users who require maximum performance and visual stability in gaming.

TO HIGHLIGHT

Each design adapts to the individual usage position and the user's gaming distance. The object space (the relationship between each gaze direction and the associated viewing distance) is calculated individually, taking into account the user's specific distances provided by the optician.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CORRIDOR Fixed corridor	14 mm.
	CURVE Adapted base curve	✓
	INSET Variable inset	✓
STEREO VISION ADAPT Binocularity in anisometropias		✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.
PRO VISION ADAPT Individual parameters	FAR Depth of field	variable between 0.6 and 3 meters.
DISTANCE FOCUS ADAPT Optimization of the object space		✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION

HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATED: Faceted.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Facial angle.
 Pantoscopic angle.
 Vertex distance.
 Main gaming distance.

NEO PRO GAMER

The freeform single vision lens designed to improve gaming performance

Neo Pro gamer is the customized freeform single vision lens, calculated in the position of use, which optimizes vision at the user's predominant gaming distance, with the aim of maximizing performance.

INDICATED FOR

Users with single vision correction who engage in prolonged gaming sessions in front of a screen.

TO HIGHLIGHT

It includes accommodative relief that reduces visual fatigue after long gaming sessions and precise calculation that improves binocular balance at the dominant usage distance.

NOTE: DUE TO BINOCULAR CALCULATION, FOR REPLACEMENTS OF A SINGLE EYE, IT IS ESSENTIAL TO PROVIDE THE PRESCRIPTION OF THE CONTRALATERAL EYE.

VISION ADAPT OPTIMIZATION TECHNOLOGIES

GEO VISION ADAPT User data	POWER Power	✓
	CURVE Adapted base curve	✓
GIROX VISION ADAPT Frame data	PANTOS Pantoscopic angle	✓
	FACE Facial Angle	✓
	VERTEX Vertex distance	13 mm.
PRO VISION ADAPT Individual parameters	FAR Depth of field	variable between 0.6 and 3 meters.
DISTANCE FOCUS ADAPT Optimization of the object space		✓

PRODUCTION TECHNOLOGIES

FREEFORM A.R.T. (Adapt Robotic Technology)	✓
FREEFORM A.S.C. (Adapt Superior Calculation)	✓
QUALITY CONTROL A.I.V. (Artificial Intelligent Vision)	✓

DECENTRATION – PRECALIBRATION – HEIGHT

DECENTRATION: Variable up to 5.5 mm.
PRECALIBRATED: Faceted.

ORDER DATA

Interpupillary distance.
 Pupil height.
 Frame base.
 Facial angle.
 Pantoscopic angle.
 Vertex distance.
 Main gaming distance.

VIMAX GAMER 1.6					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
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-8,00					
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-9,00					
-9,50					
-10,00					
ADDITIONS 0.75 TO 3.50					
MAXIMUM Ø					70/75
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					70/81
SPECIAL Ø + OFF-CENTER					75/86

NEO PRO 1.6 GAMER					
ESF	CIL +				
	1,00	2,00	3,00	4,00	
11,50					
11,00					
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-8,50					
-9,00					
-9,50					
-10,00					
MAXIMUM Ø					65/70
SPECIAL Ø					75/80
MAXIMUM Ø + OFF-CENTER					65/76
SPECIAL Ø + OFF-CENTER					75/86

SUPPLEMENTS SPECIALIZED USE.

PROGRESSIVE SUPPLEMENTS	VIMAX® GAMER
QUARZ GAMER	✓
GAMER COLOR	✓
SPECIAL THICKNESS	✓
SPECIAL BASE	✓
CYL 4.25 TO 6	✓
CYL 6.25 TO 10	✓
PRISM UP TO 5 DP**	✓
PRISM 5.25-10DP**	✓
PRE-CALIBRATED	✓
OUT OF STANDARD	✓
DECENTRATION	✓
SPECIAL DIAMETER	✓
ICONIC TOUCH*	✓

SINGLE VISION SUPPLEMENTS	NEO PRO GAMER
QUARZ GAMER	✓
GAMER COLOR	✓
SPECIAL THICKNESS	✓
SPECIAL BASE	✓
CYL 4.25 TO 6	✓
CYL 6.25 TO 10	✓
PRISM UP TO 5 DP**	✓
PRISM 5.25-10DP**	✓
PRE-CALIBRATED	✓
OUT OF STANDARD	✓
DECENTRATION	✓
SPECIAL DIAMETER	✓
ICONIC TOUCH*	✓





CARDS OF CENTERING

ENVELOPE

INDUSTRIES OF
ÓPTICA PRATS, S.L.

Vigil, 24
28052 MADRID



00000-01

SN 1 221234567890

0000 - OPTICS

D/I - RANGE NAME

90 -2.50 +0.50 2.25 1.3I

92 -2.53 +0.54 1.55 0.0T 1.3I

NP: 28.5 F:5° P:7° NPb:28.3

Dm:73 Ec: 1.9 Cor: 16 In:2.3

QUARZ AIRON Bevel/groove Online



MD



INDUSTRIAS DE ÓPTICA PRATS, S.L.
C/ VIGIL, 24
28052 MADRID
SPAIN

00000-01 (delivery note number)

0000 - Optics (code and name of the optics)

D/I Range name (range name right eye / left eye)

90 -2.50 +0.50 2.25 1.3I (prescription and compensation prism)

92 -2.53 +0.54 1.55 0.0T 1.3I (front prescription, horizontal prism + cv prism)

Np (naso-pupillary distance) F (Ang. Facial) P (Ang. Pantoscopic) NPb (blocking naso-pupillary)

Dm (diameter) Ec (center thickness) Cor (corridor) In (inset)

Quarz AIRON - Bevel/groove.Online (supplements)

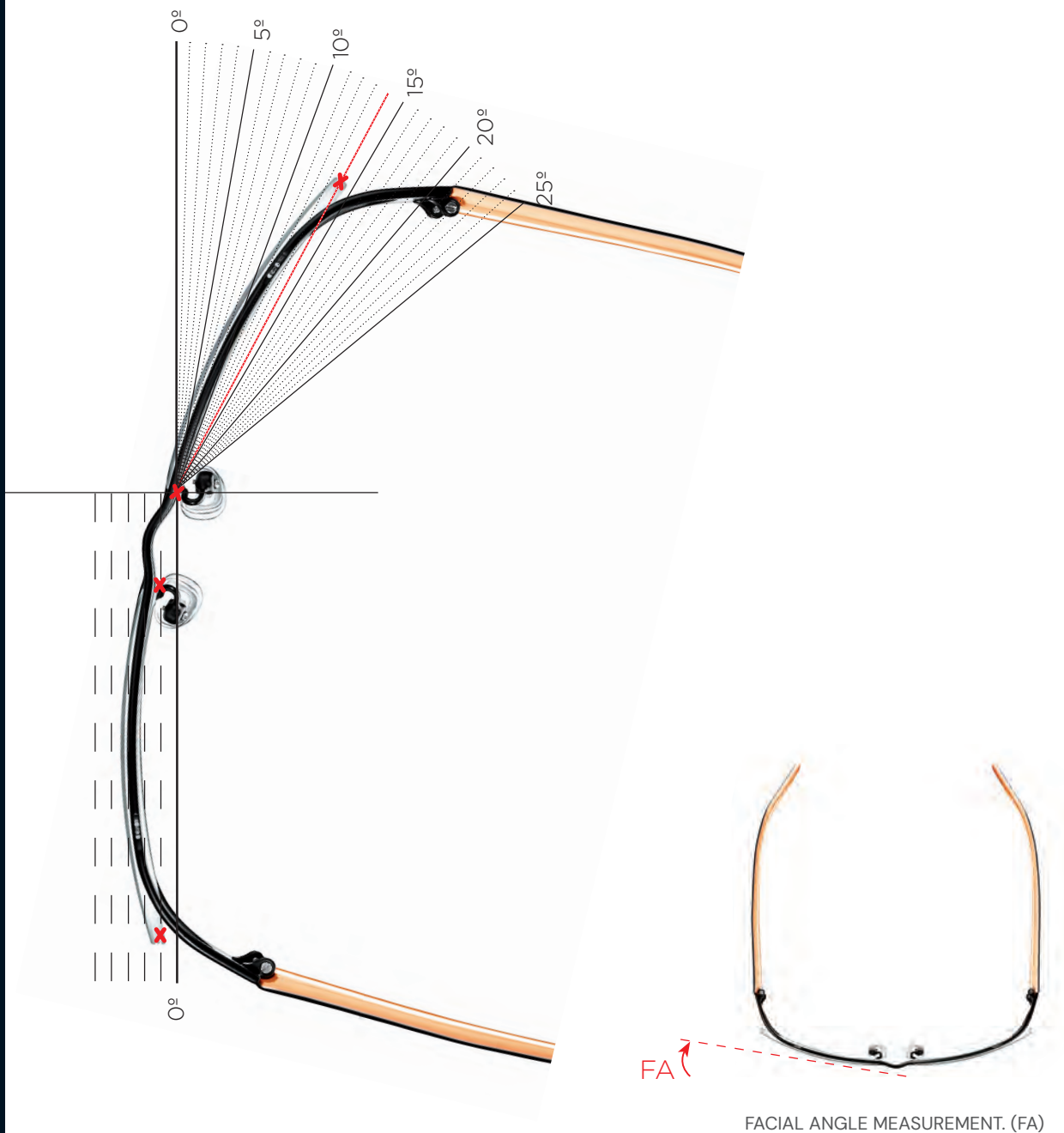
CLEANING AND MAINTENANCE TIPS FOR YOUR PRATS LENSES

Clean your lenses with water and neutral soap, or with a liquid purchased at an optical store specifically indicated for this purpose. Dry them with the cleaning cloth we have provided. While cleaning them, hold the rim you are cleaning to avoid deforming the frame.

Whenever you are not using them, store your glasses in the supplied case. Avoid placing any objects in it other than your glasses and the cleaning cloth.

Protect your lenses from high temperatures (such as leaving them in the car glove compartment), from sudden temperature changes (entering and exiting cold storage rooms), and from abrasive cleaning liquids.

FACIAL ANGLE



The measurement template for the shape of the facial angle takes into account the curvature of the front of the glasses.

First, align the shape of the left eye parallel to the dotted adjustment lines on the left side. Then, center the nasal edge of the right eye shape over the rotation point of the rotating ruler. Align the angle line so that it is parallel to the center of the right rim of the frame. Remove the glasses and read the angle from the scale.

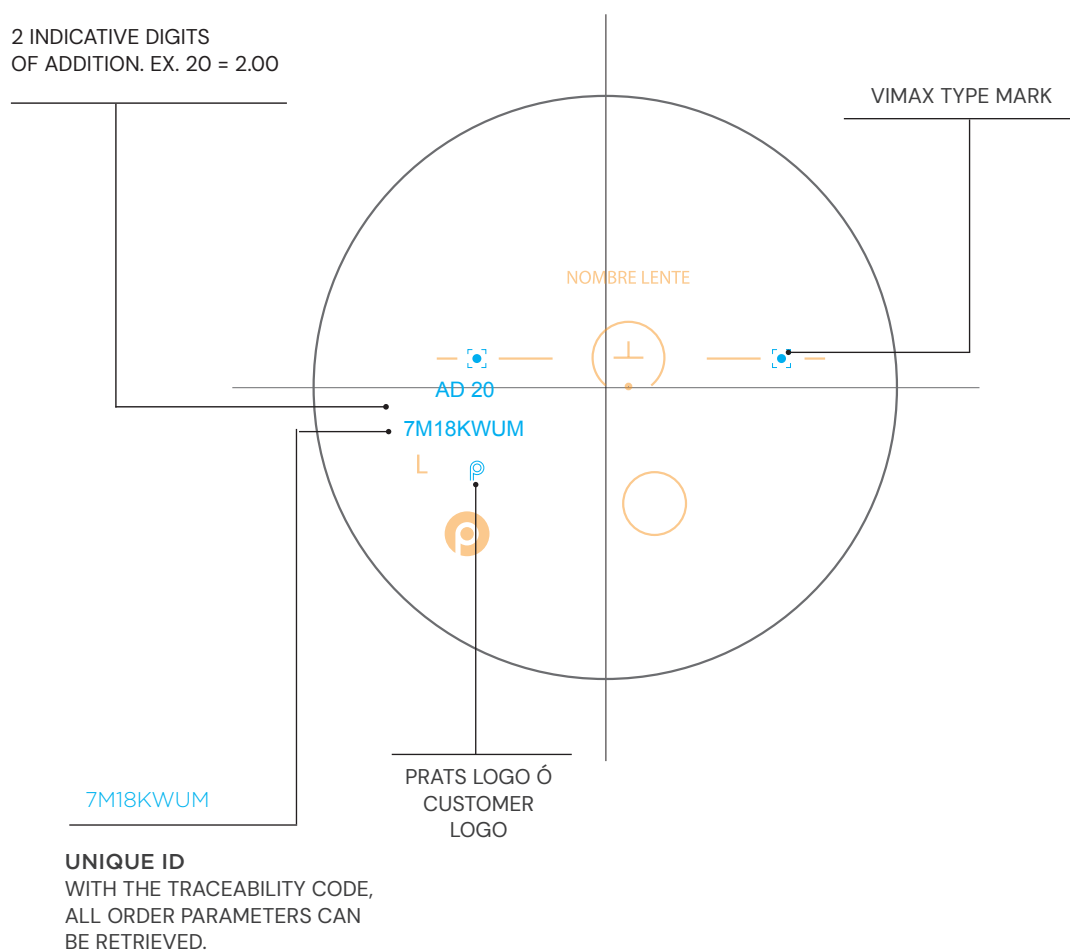
LENS MARKING

VIMAX PROGRESSIVE MARKING

The laser marks are indicated in blue in the following diagram, representing a left lens viewed from the concave side.

VIMAX TYPE:
AD: ADAPTATIVE

2 INDICATIVE DIGITS
OF ADDITION. EX. 20 = 2.00

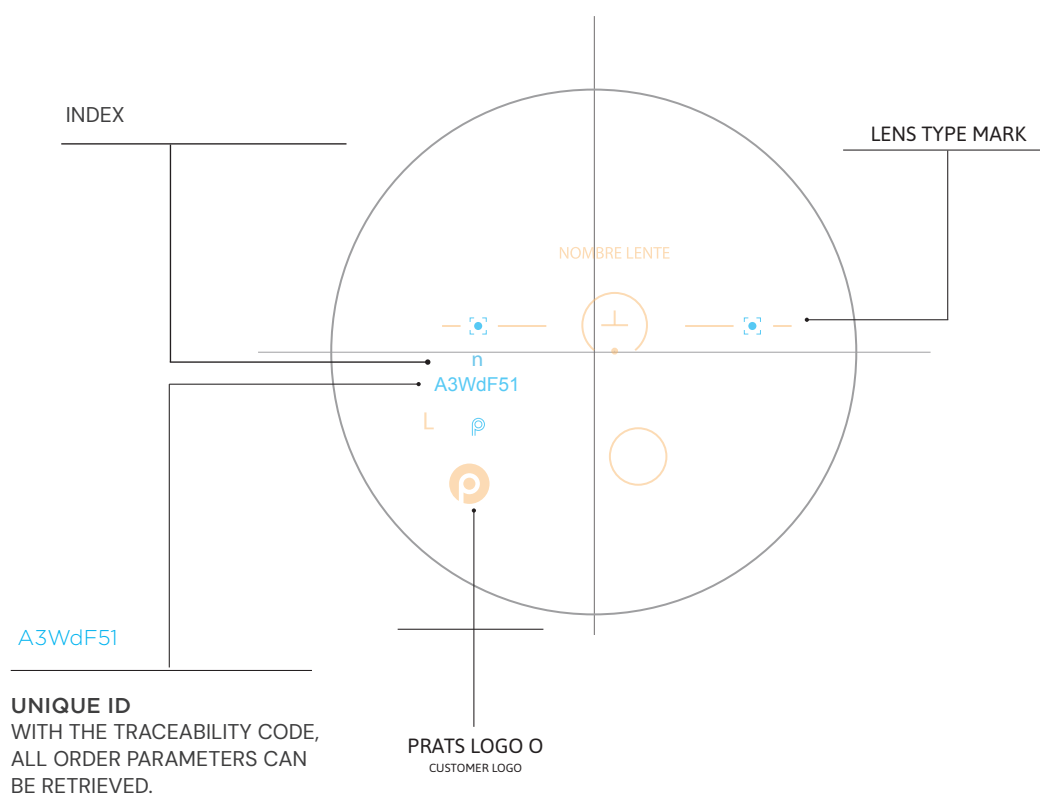


Refer to the centering chart for the laser marks corresponding to each lens type

LENS MARKING

ADVANCED SINGLE VISION MARKING

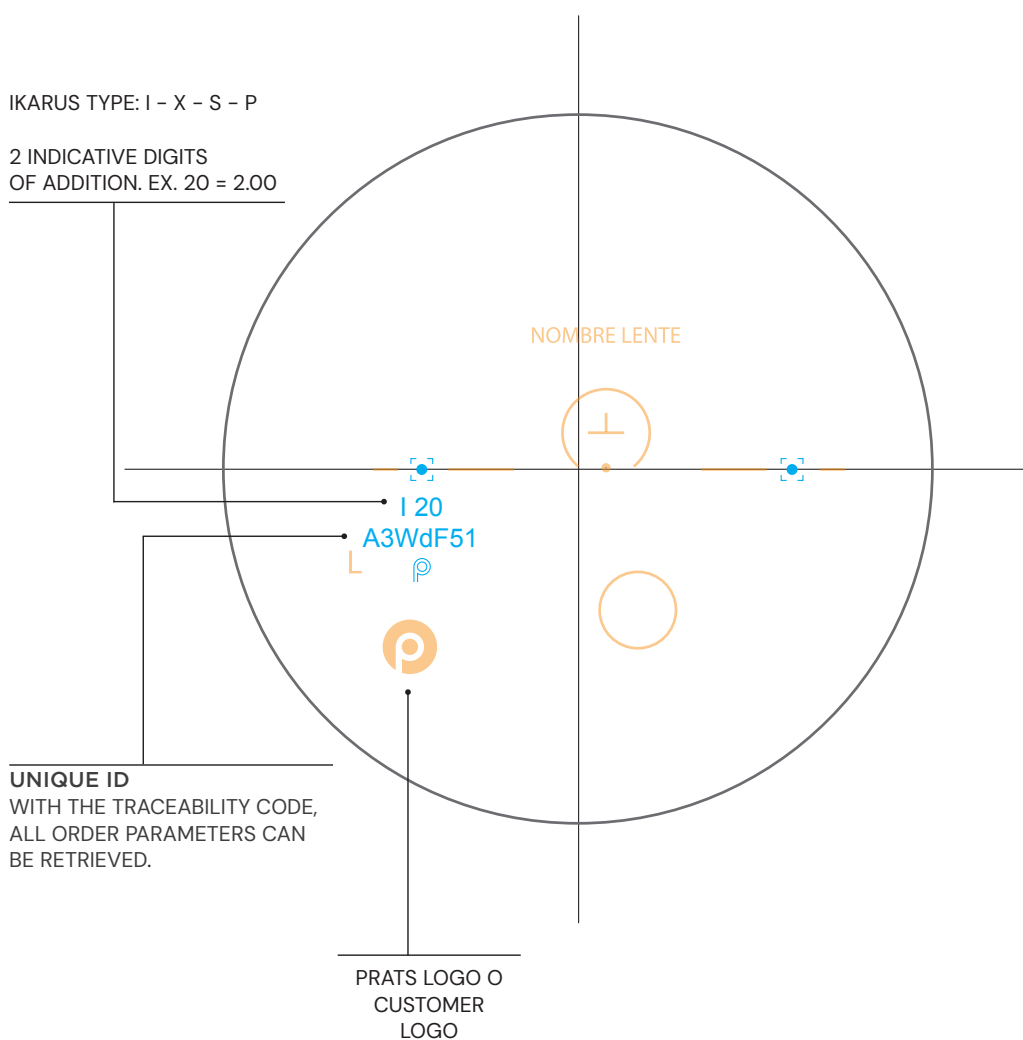
The laser marks are indicated in blue in the following diagram, representing a left lens viewed from the concave side.



Refer to the centering chart for the laser marks corresponding to each lens type.

ÍKARUS PROGRESSIVE MARKING

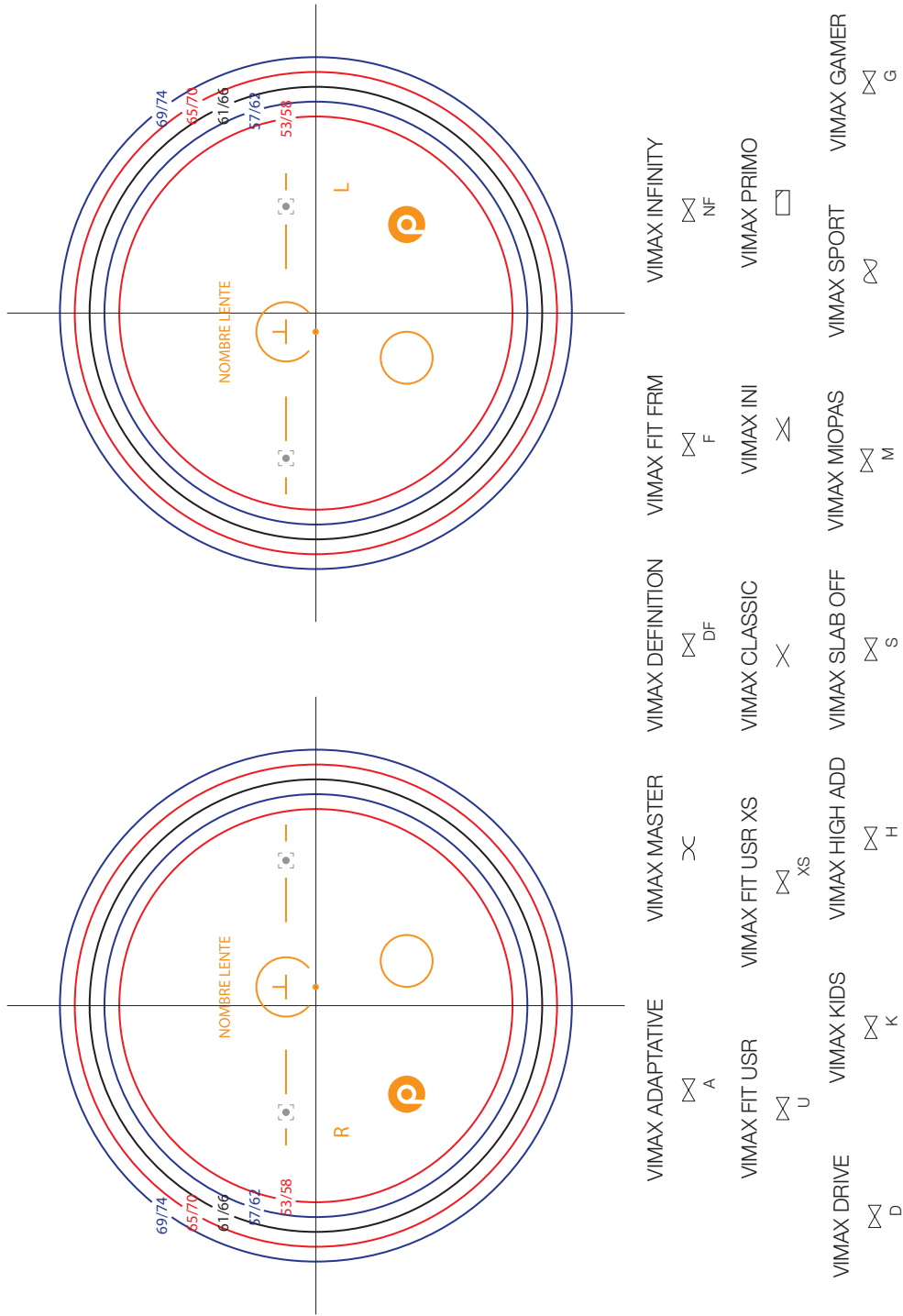
The laser marks are indicated in blue in the following diagram, representing a left lens viewed from the concave side.



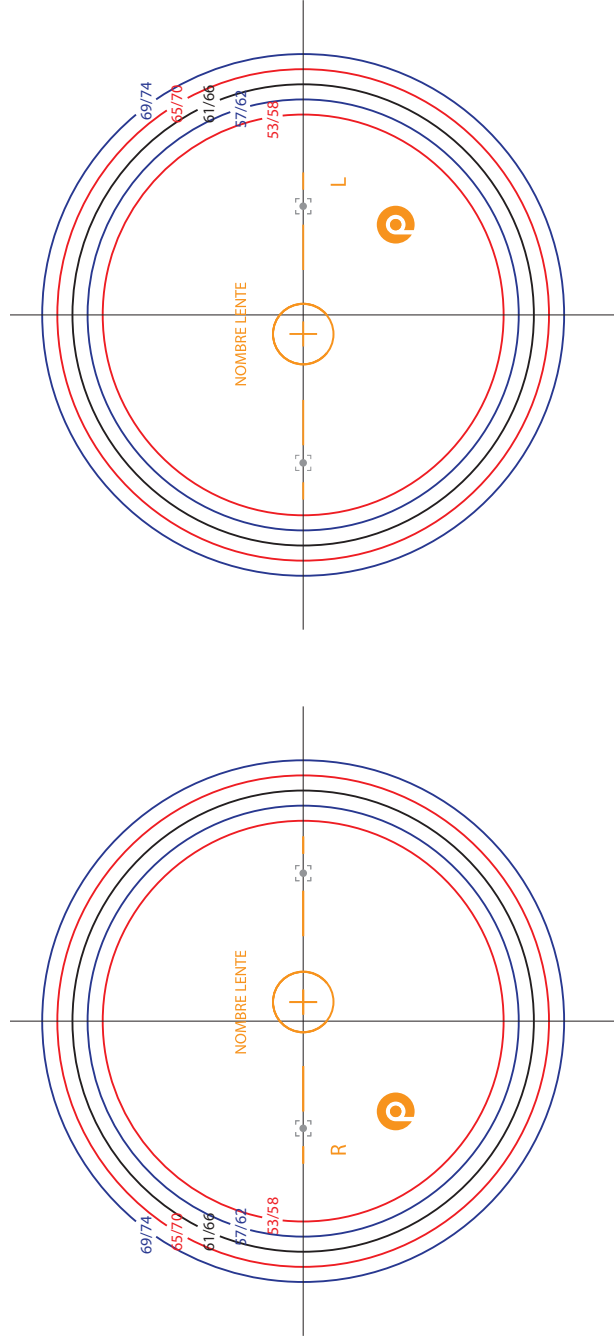
Refer to the centering chart for the laser marks corresponding to each lens type.

VIMAX PROGRESSIVE CHART

CENTERING CHARTS

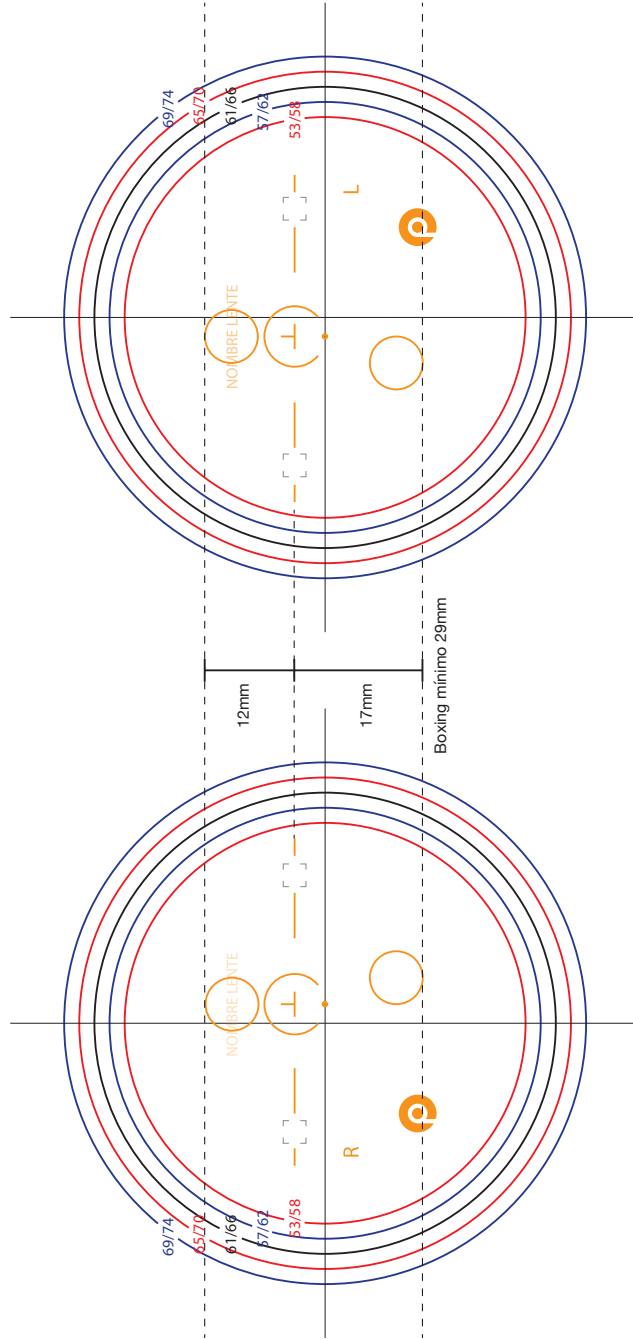


ADVANCED SINGLE VISION CHART



NEO PRO □ _D	EVOLTA PRO ⊖	NEO RELAX PLUS □ _R	MIOPAS ⊗	DEFOCUS KIDS ○ _D
NEO PRO DRIVE □ _D	NEO RELAX KIDS □ _K	NEO PRO SPORT □	EVOLTA PRO SPORT ⊖	NEO PRO GAMER □ _G

WORK PROGRESSIVE CHART

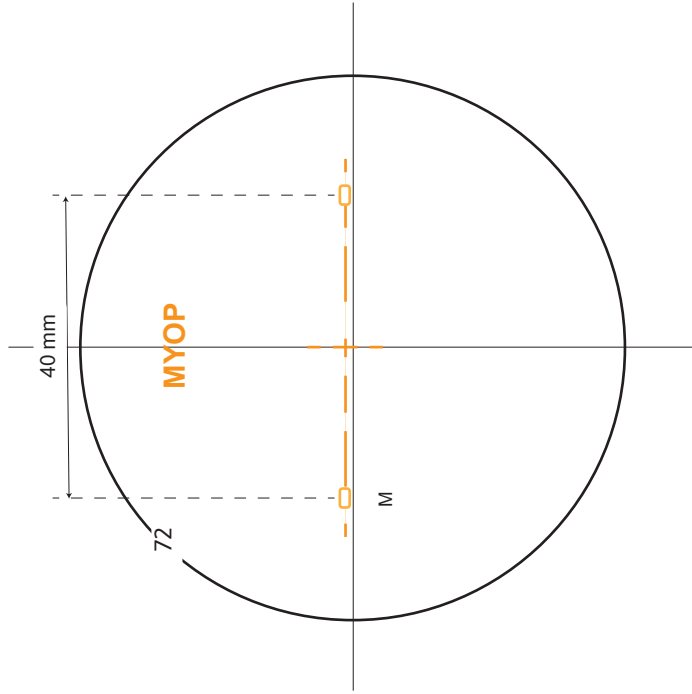


VIMAX SCREEN
X S

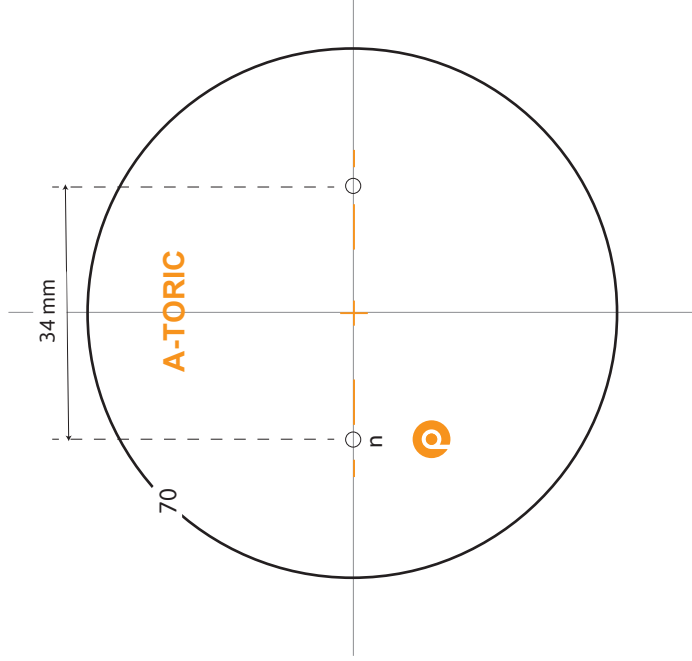
VIMAX OFFPLUS
X O

SINGLE VISION CHART

MYOP KIDS

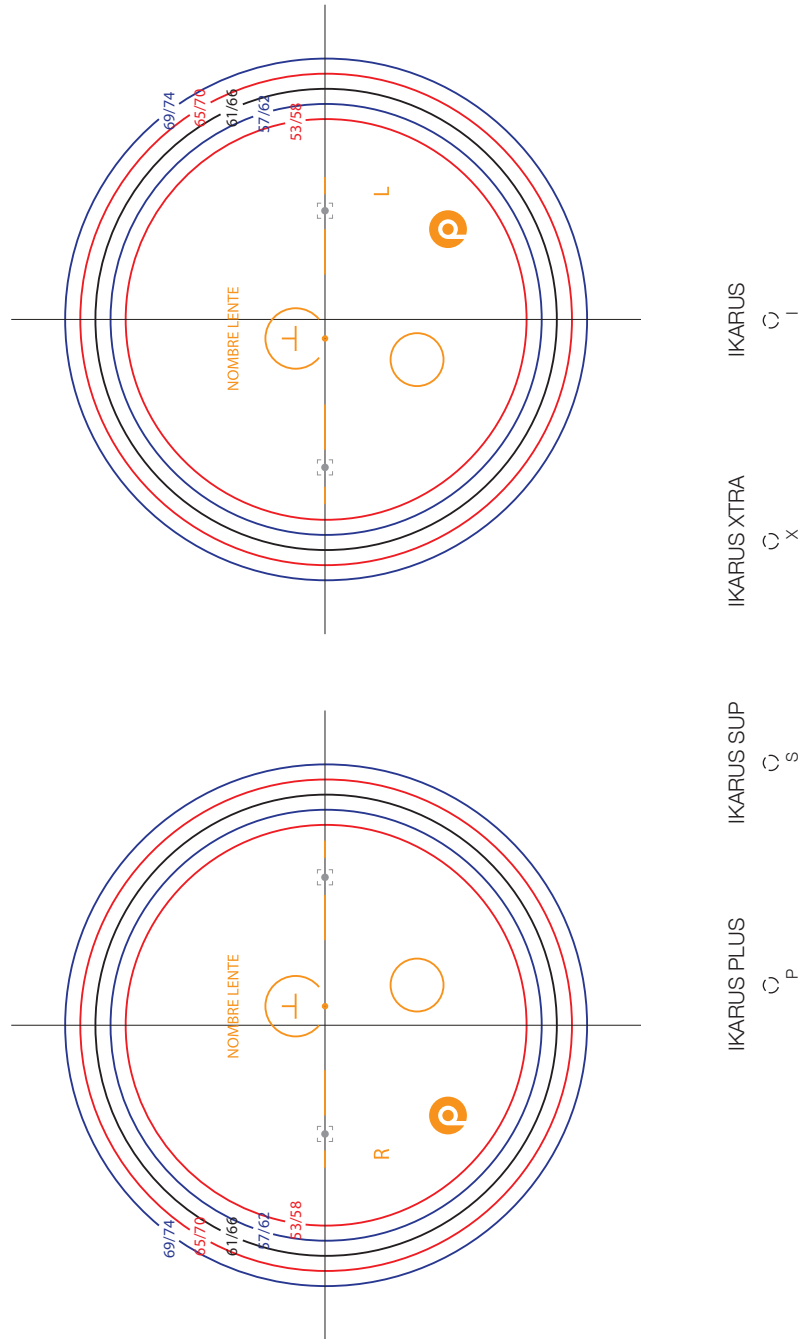


A-TORIC

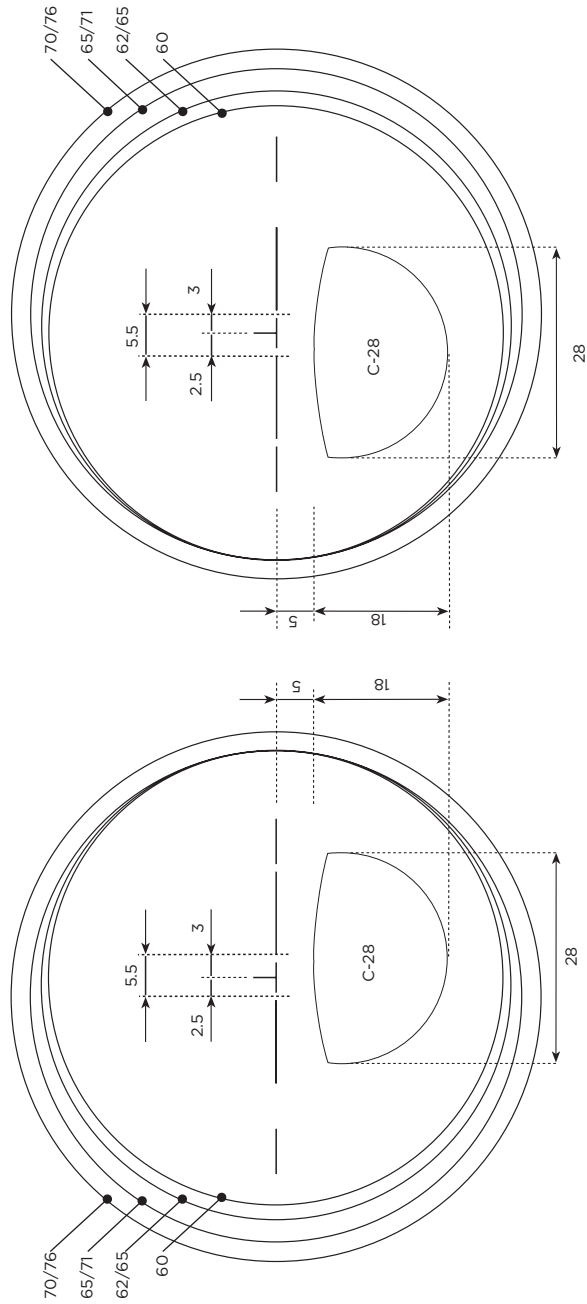


Graphical simulation of the microlenses

ÍKARUS PROGRESSIVE CHART



BIFOCAL CHART





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