Hello →

See the difference

Contact us →

Headquarters

Torrance, California (USA)
IOT executive, technical services, and commercial offices. Home to a wearer trial facility and **central operations for research, engineering, manufacturing, quality assurance, and distribution of lenses**.

Madrid (Spain)
IOT executive, technical services, and commercial offices. Location of our main innovation center **specializing in lens design, AR coatings, and software development**. Home to wearer trial and quality assurance facilities.

Advanced research lab

Madrid (Spain)
This is our main innovation center. Its specialty: **developing manufacturing technologies for the lenses of the future.** It is located at the technological park of the PCM Foundation. This unique R&D environment allows us to create synergies with universities and other groundbreaking institutions.

Photochromic innovation center

Torrance, California (USA)
This is not just a lens manufacturing facility. Here we **develop and test new photochromic lens technologies**.

Sales and technical support offices

Madrid (Spain) & Torrance, California (USA)
From these offices, we serve our **customers in over 69 countries**.

Let's talk

Sales department

North America	**sales_na@iotlenses.com**
Latin America	**sales_la@iotlenses.com**
Brazil	**sales_br@iotlenses.com**
Europe	**sales_eu@iotlenses.com**
Asia	**sales_as@iotlenses.com**
Africa & Middle East	**sales_af@iotlenses.com**
Oceania	**sales_oc@iotlenses.com**

Technical department

North America	**support_na@iotlenses.com**
Latin America	**support_la@iotlenses.com**
Brazil	**support_br@iotlenses.com**
Europe	**support_eu@iotlenses.com**
Asia	**support_as@iotlenses.com**
Africa & Middle East	**support_af@iotlenses.com**
Oceania	**support_oc@iotlenses.com**

Marketing department

North America	**marketing_na@iotlenses.com**
Other countries	**marketing@iotlenses.com**

Administration

North America	**administration_na@iotlenses.com**
Other countries	**administration@iotlenses.com**

Websites

www.iotlenses.com **www.neochromes.com**

Follow us

Addresses

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28002 Madrid, Spain
Ph.: +34 91 833 37 86

3625 Del Amo Blvd., Suite 365
Torrance, CA 90503
Ph.: +1 877-414-7809

IOT in figures

2005

Year we were established

Ophthalmic lens development

Our field of expertise

Madrid & California

Where our main offices are located

3

Research centers

35 million

Lenses annually

400

Partners worldwide

70

Countries where we are present

We are an international company with offices in Spain and California (USA). We have more than 15 years of experience **researching and developing digital ophthalmic lenses.** We know in depth the geometric surfaces on which the lenses are designed.

We offer you the highest technology, the most sophisticated calculations and all the services you need so that you can manufacture the lenses that you want.

You have at your disposal our **experienced team of professionals** who will be at your side for the whole process, from creation to market strategy.

We help you solve any doubt, problem, or incident quickly and efficiently. We even collaborate in the implementation of your own quality control system.

This approach, unique in the industry, will make you feel as if we are an extension of your own business.

IOT Intelligence

Intelligence is what allows us to understand, learn, reason, and make decisions. It's the ability to solve problems. Skills and experiences are part of intelligence. IOT Intelligence is all that and much more.

When faced with challenges, we constantly look for ways to solve them. This allows us to develop tailor-made products for every market and customer. And we place at your disposal everything we learn: the results of our research, our experience, and knowledge.

All the IOT Intelligence we bring to a company or lab can be summed up in four points:

Our innovation ecosystem

Our innovation methodology

IOT Freeform Designer®

Intelligent technologies

Our innovation ecosystem

Ideas don't just pop up. We strive to be constantly creative and forward-looking. That's why we encourage experimentation from within. Our company is an innovation ecosystem. And we dedicate a lot of resources to this end.

More than 50% of our employees are involved in R&D in our three innovation centers. Specialists in different areas work together, researching and finding solutions across a wide range of technologies, methodologies, and processes.

We challenge all our employees to innovate. In everything they do. Only in this way can we constantly launch new products and technologies that respond to the market. And make our services and customer care unbeatable.

We enjoy innovating with our partners. Through our mutual exchange of information, we get great ideas for our products, and yours!

The result: every year, we file several patents for our latest discoveries and groundbreaking creations.

We don't limit our innovation to lens design. We also **apply it to other fields in the ophthalmic optics industry**. In recent years, we have put a lot of effort into generating tools based on artificial intelligence and machine learning techniques.

Innovation is present throughout our whole creative process. We are curious by nature. We are always looking for new solutions. Because innovation is more than just having a spark of genius. It is finding new formulas and products with high added value that respond to the demands of an increasingly sophisticated market.

The key is to listen carefully to what wearers and industry professionals are saying. That's why we invite around 600 wearers to our headquarters every year, with whom we conduct some 20 clinical trials. Their feedback is crucial.

We have state-of-the-art equipment in our facilities, such as eye-tracking devices to monitor gaze direction. Our latest developments: photochromic lenses and treatments.

We have developed our own clinical trial methods. Once conducted, we analyze the results and generate new lens designs and calculation methods. We believe this is the only way to improve the wearer's visual experience.

20
Annual clinical trials

600
Participants

4
Steps

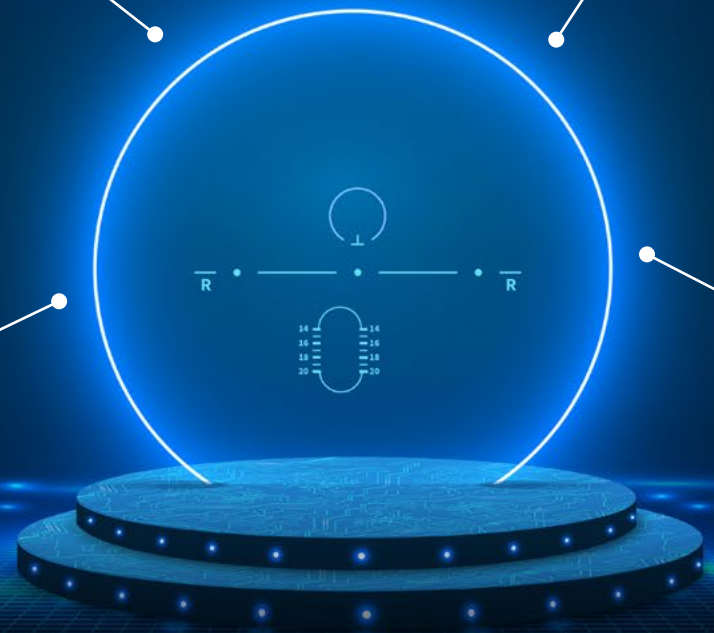
Our innovation methodology
A 4-step process

1.
We detect the potential

The first thing we do is to detect a gap or a need in the market. Through our clinical trials, we find out the real visual needs of wearers. Our partners and other industry professionals also inform us about their needs. And we generate our own ideas.

2.
We transform an opportunity into a product or technology

With the information gathered, we formulate a hypothesis and develop new technologies and tools. With these, we create a prototype to help improve lens designs or create new products.



3.
We prove that it works

We need to validate or reject the new product. We do that by conducting wearer trials. All our clinical studies follow strict protocols under highly controlled conditions. And they're designed and executed by an experienced team of scientists, engineers, and technical specialists. Our results are extremely reliable. When the wearer tests have been successful, we validate the product. Only then are we ready to offer it to you.

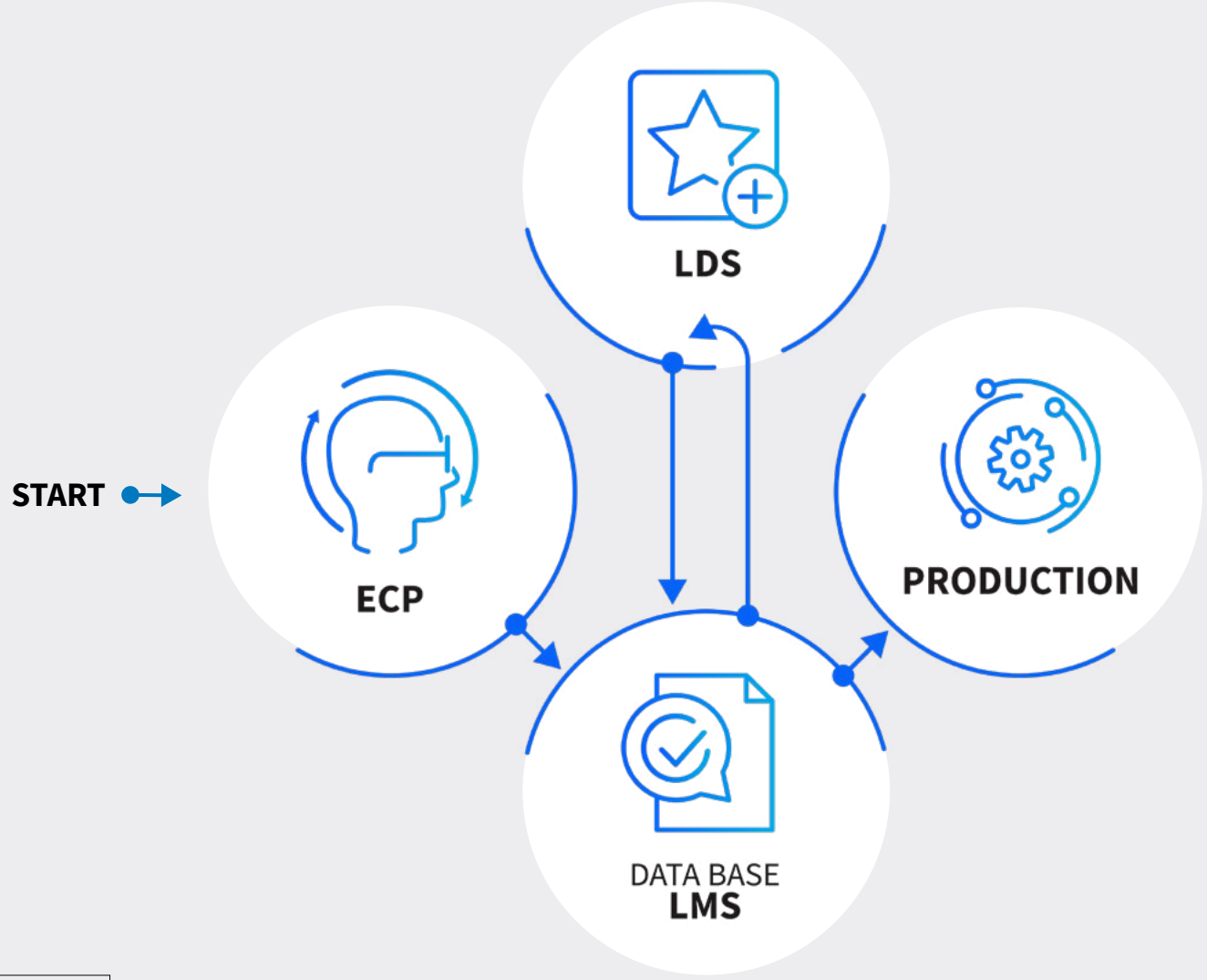
4.
We make our findings known

We believe that part of the process involves sharing the technical knowledge we have acquired with the scientific community. That's why we present our findings in scientific publications and at international optical conventions.*

***Publications and symposia**

We have published our results in scientific journals (JOJ Ophthalmology), optical industry journals (MAFO and 20/20Mag), and in the most important optical symposia such as ARVO (Association for Research in Vision and Ophthalmology), AAO (American Academy of Optometry) and EAOO (European Academy of Optometry and Optics).

IOT Freeform Designer® (LDS)
A revolution



ECP: Eyecare Professional
LDS: Lens Design Software
LMS: Lab Management Software

Free-form: the state-of-the-art technology for calculating, designing and cutting customized ophthalmic lenses while minimizing oblique aberrations.

We develop all our technologies and calculations utilizing the lens design software (LDS) IOT Freeform Designer. **Its powerful algorithms make it possible to calculate lenses in seconds, adapting them to the individual data of each wearer.**

When run, it performs the calculations on the lab's own computers. This avoids using remote systems that could slow down the lens calculation, which results in an efficient solution capable of performing each of the lab's jobs in near-real-time. Its calculations generate all the files needed to create the surfaces you will manufacture in your laboratory.

Installation is straightforward and can be done in less than an hour, even remotely. For final production, IOT Freeform Designer integrates with the Lab Management System (LMS) that manages output in the laboratory. Additionally, our IOT Freeform Designer is compatible with most Lab Management Systems currently on the market.

Throughout the entire process, **our technical staff is at your side.** Their assistance and consultancy work will allow you to achieve the best results and adapt them to your requirements. The first thing we do is study the different configuration options depending on the characteristics of your lab. For instance, we adjust the manufacturing parameters to your configuration and the kind of equipment you use. The calculation parameters can be edited and customized according to your needs.

IOT Freeform Designer is exceptionally flexible, adjusting to the characteristics of your lab in terms of production, calculation, and number of lenses.

An additional module allows you to manage your lab's workload and process several jobs simultaneously. IOT Freeform Designer can be installed on multiple servers and connected to this module. This will take care of the calculations on the different servers, thus multiplying the calculation capacity of your lab.

This software can calculate complex surfaces such as bifocals, lenticulars, etc. and requires a correct integration in the laboratory. Depending on the characteristics of the equipment and the needs of the product, its configuration can vary significantly. After analyzing your lab's needs, our technical staff will help you configure these products to best suit your requirements, thus finding efficient production solutions.

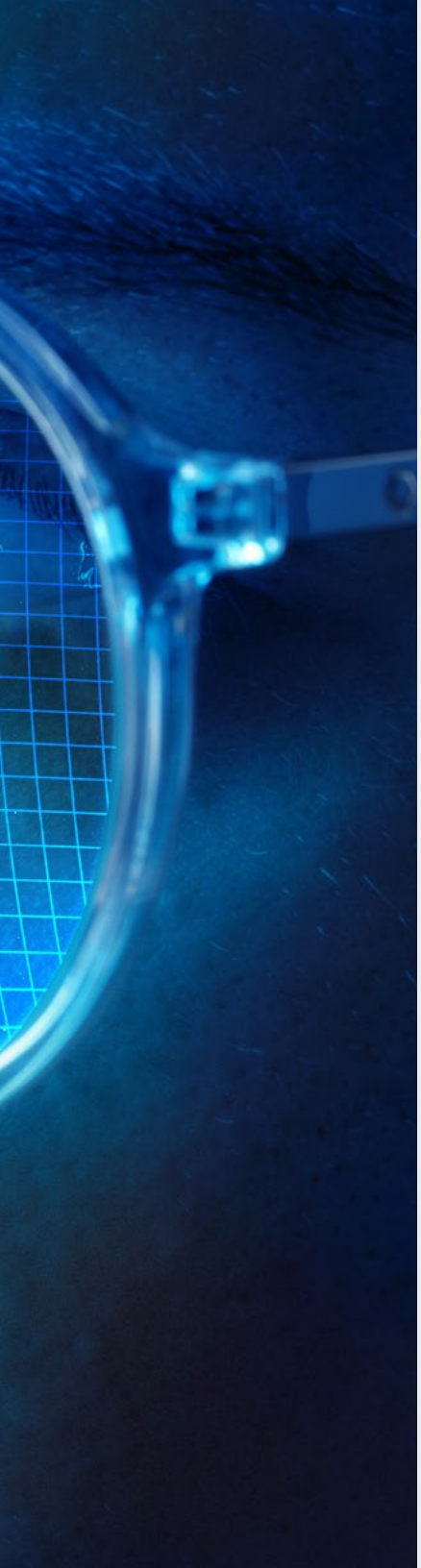
IOT Freeform Designer is always evolving. **We are constantly adding new functionalities, calculation technologies, and process efficiency improvements.** These are available in the latest versions. The inclusion of new products requires a simple and fast update process; in less than 15 minutes, your lab will have the latest version, including the latest designs.

On top of that, IOT Freeform Designer adapts to the latest security requirements in software development and Internet communications.

Intelligent technologies

IOT Intelligence has resulted in a collection of innovative products and technologies that allow our partners to manufacture the highest quality lenses.

When developing unique IOT innovations and products, we consider feedback from wearers, industry experts, and eyecare practitioners.



Lens optimization technologies

Camber™ lens technology

Camber Technology combines complex curves on both surfaces of the lens to provide excellent vision correction. The unique, continuously changing front surface of the specially designed lens blank was specifically created to **expanded reading zones with improved peripheral vision.**

IOT Digital Ray-Path® 2 lens calculation technology

In addition to mathematically compensating for oblique aberrations, IOT Digital Ray-Path 2 adds the intelligent **use of the wearer's accommodation**: the small power adjustments the eyes naturally make to view objects at different distances. Lenses customized with this technology have drastically reduced oblique aberrations across the entire field of vision. They are more comfortable, have impeccable visual quality, and more precise focus.

Steady methodology for lens designs

This methodology is applied to progressive lenses. It considers the average power of the sphere of distribution to increase the wearer's satisfaction. **It offers improved peripheral vision and image stability.**

Other technologies

Photochromic lens technology

The result of years of scientific research, our revolutionary technology improves photochromic **performance for optimal vision, comfort, and protection.**

Vacuum deposition coatings

IOT offers our partners the ability to create **exclusive state-of-the-art anti-reflective and mirror coatings** for their individual business needs. This can be a distinct competitive advantage and a way to create differentiation.

Services for your business

The IOT experience

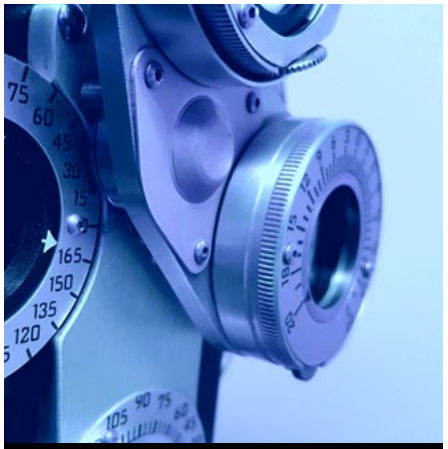
Our way of working is open and transparent. Communications flow easily.

When executing a project with you, we like to get as involved as possible. Flexibility and customer orientation are crucial to us. You can count on our multidisciplinary teams for whatever you need. We answer your questions. We propose ideas, improvements, and innovations for your business.

As a matter of principle, we share our knowledge with you. This is the only way to refine even the most minor details of the products and technologies we develop together. **Contact us whenever you need to. We are all ears.**

IOT Business Consulting

To turn the launch of your products into a success, **we work closely with you** to define the positioning and your commercial strategy.

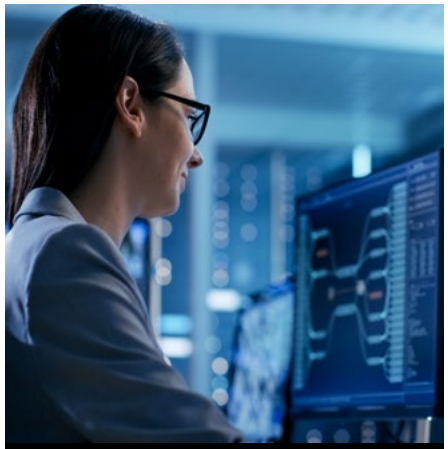


IOT Technical Consulting

We deliver custom lens designs that are **validated through clinical trials**, and are configured so that the design and manufacturing process go hand in hand.

IOT Technical Audit

We perform an audit of your manufacturing processes and an exhaustive quality control. This allows us to configure your products to meet the highest standards.

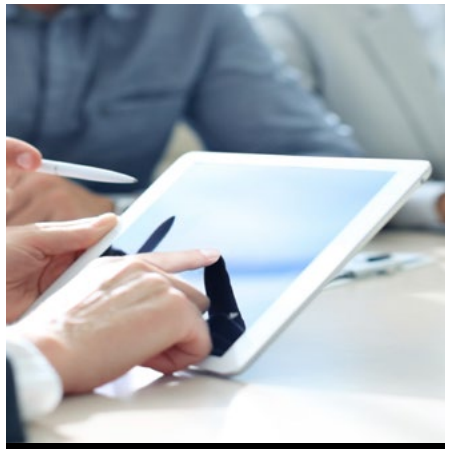


IOT Technical Support

Our team of experts will help you to quickly **resolve any unforeseen issues, detect production errors**, and implement an improvement plan, if necessary.

IOT Marketing Service

We turn the launch of your new products into a success. We collaborate in the whole process: from the design to the development of commercial marketing and communication actions.



IOT Client Hub

Our customer portal allows you to speed up decision making, learn about our latest products and access reports with relevant data about your business.

What we do

Innovation as a service

Ready-to-start designs and products

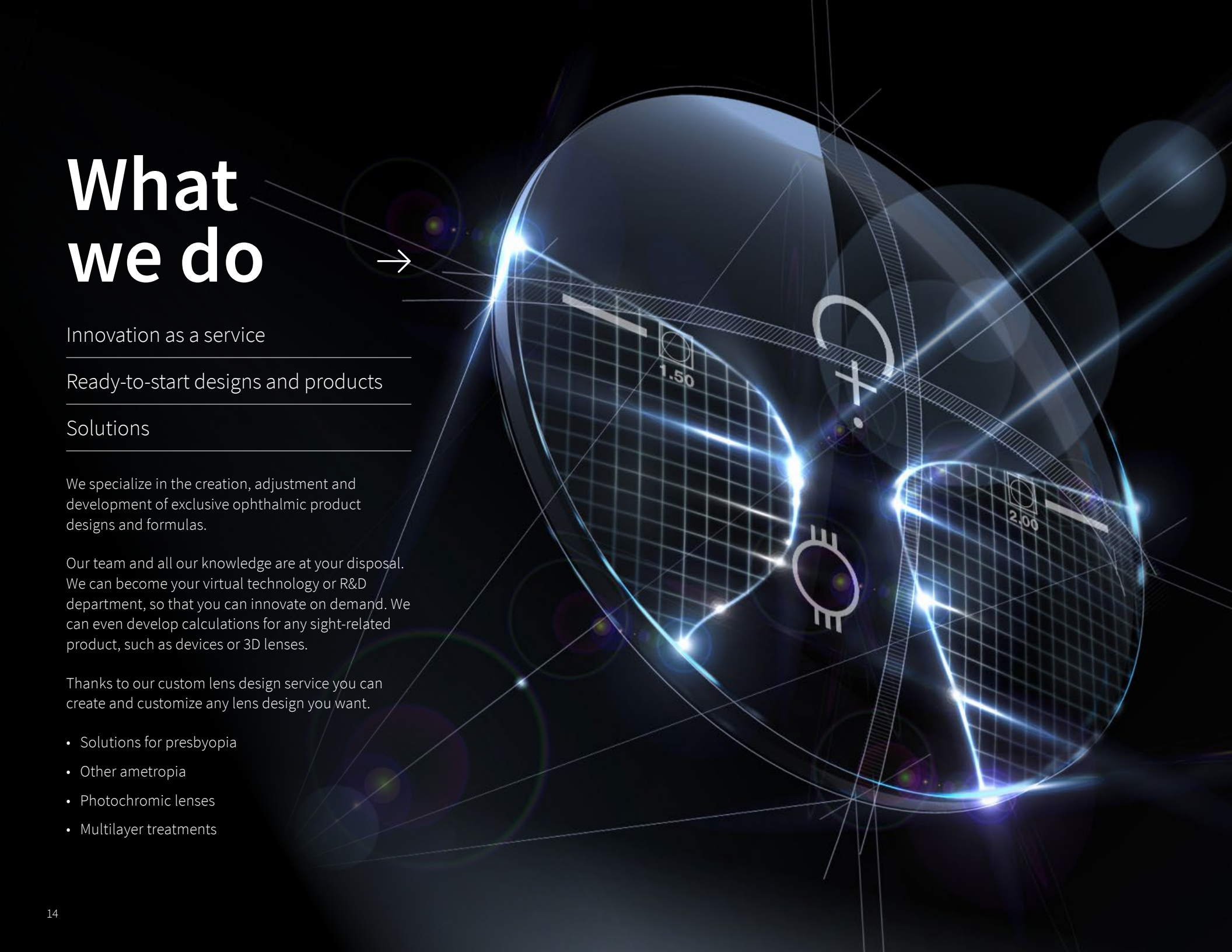
Solutions

We specialize in the creation, adjustment and development of exclusive ophthalmic product designs and formulas.

Our team and all our knowledge are at your disposal. We can become your virtual technology or R&D department, so that you can innovate on demand. We can even develop calculations for any sight-related product, such as devices or 3D lenses.

Thanks to our custom lens design service you can create and customize any lens design you want.

- Solutions for presbyopia
- Other ametropia
- Photochromic lenses
- Multilayer treatments



Innovation as a service

Innovation is more than using the latest technology; it's having the insight into new developments and thinking differently.

IOT will help you develop your ideas and vision by giving you access to the most cutting-edge technical knowledge and providing the research and development necessary to create customized solutions for your business.

We can collaborate in two different ways depending on your needs:

IOT Innovation Consulting

Innovation breaks down barriers, transforms companies and markets, and contributes to the advancement of society. But in order to innovate, it is necessary to take risks and make a strong commitment to what is being created.

If you want innovation to be part of your business strategy, we offer you our consulting service. **Our team of experts will help you adopt the changes you are looking for based on our technological advances.** In addition, you will be able to integrate the most emerging technologies and solutions and accelerate the pace of innovation with new optical products or services.

IOT Custom and Exclusive Solutions

At IOT we help you materialize your ideas.

One of the best ways to collaborate is through a customized project where we both actively participate. You bring your own vision and knowledge of your market and your customers. Tell us what new free-form lens designs you want to develop and what treatments or technological solutions you need.

Our R&D experts take your ideas and, by providing you with the most advanced means and technology, we offer you a unique, customized solution tailored to your business. The result of this type of collaboration is often groundbreaking innovations that are highly satisfactory for both parties.

Ready-to-start designs and products

Create state-of-the-art, ultra-high-quality lenses with our innovative products, technologies, and tools.

Our product portfolio reflects everything we have learned throughout our history.

Since our inception, we have never stopped learning. Our product portfolio reflects that constant learning.

We believe that wearers have to be at the center of the innovation process. Only this way can we create more advanced lenses and be able to produce a new generation of them that's substantially superior.

Our rigorous and ongoing clinical studies have given us insight into the relationship between the wearer's vision and the characteristics of the lens design.

Over the past five years, we have conducted more than 80 clinical studies. We have fully designed power maps to achieve total wearer satisfaction at all distances, and we have tested numerous changes in power distributions.

The flexible way in which our products can be configured is unparalleled.

Our technologies

camber™
With IOT Intelligence

By combining complex curvatures on both lens surfaces, this technology provides excellent vision correction. **It is specially designed to increase reading zones and improve peripheral vision.** The wearer obtains greater visual acuity and a more comfortable reading zone.[1]

[1]US Patent US 8,042,941 B2

IOT Digital Ray-Path® 2

Oblique aberrations are minimized more effectively than ever by incorporating the intelligent use of wearers' accommodation into traditional calculations.[2]

[2]Patent pending

Steady Methodology

This methodology, patented by IOT, is a technological breakthrough in digital lenses. **It provides a strict control of average power in the far distance vision zone and virtually eliminates peripheral spherical power error.** Its image stability reduces swim effect and provides more comfortable vision.[3]

[3]US Patent US 10330950

Portfolio

Presbyopia solutions

General-use progressive lenses

Occupational and specialty progressive lenses

Bifocal lenses

Camber Steady Plus Progressive

Personalized free-form progressive lens. Designed with the most revolutionary IOT technologies.

Endless Steady Progressive

Personalized free-form progressive lens with an advanced design. Provides impeccable visual quality.

Essential Steady Progressive

Free-form progressive lens. High wearer satisfaction in an entry level technology.

Endless Office Occupational

Personalized free-form lens for maximum performance in intermediate and near zones.

Endless Drive Progressive

Personalized free-form progressive lens, ideal for distance and midrange tasks like driving. Includes a night vision zone.

Endless Sport Progressive

Personalized free-form progressive lens for maximum performance during outdoor activities.

Endless Pilot Progressive

Personalized free-form progressive lens with a unique and innovative design that incorporates two zones for near vision.

Endless Steady EasyFit Progressive

Free-form progressive lens with an advanced design that ensures excellent visual performance, every time.

Endless Bifocal

Personalized free-form round segment bifocal lens. Expands material and treatment options for wearers.

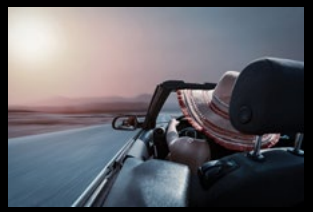
Single vision solutions

Endless Single Vision

Personalized free-form single vision lens. Advanced design provides unparalleled visual quality.

Endless Anti-fatigue Single Vision

Personalized anti-fatigue free-form single vision lens with advanced design.



Endless Drive Single Vision

Personalized free-form single vision that includes a night vision zone.

Camber Steady Plus Progressive

Benefits

- Superior visual acuity.
- Improved quality of vision in the near zone.
- Improved aesthetics in many prescriptions.
- Precise and comfortable focus for all working distances in any direction of gaze.
- Near elimination of peripheral blur.
- Superior visual quality for viewing digital devices.
- Higher image stability for reduced swim effect.

Performance

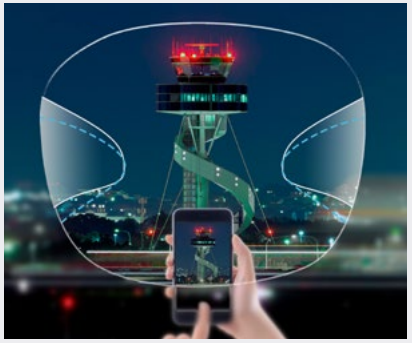
Distance
Near
Intermediate

Technologies Personalized

Camber | DRP 2 | Steady +

Options →

Camber Steady Plus Progressive | **Near Vision**

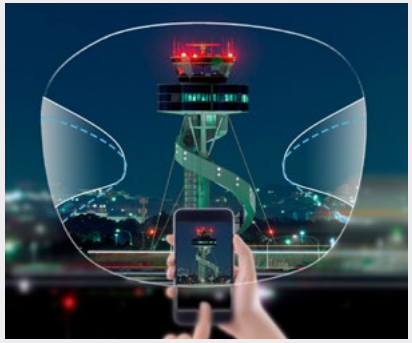


Ideal wearer: expert or novice progressive lens wearers who have visual demands that call for a larger more usable near area.

Performance

Distance
Near
Intermediate

Camber Steady Plus Progressive | **Distance Vision**

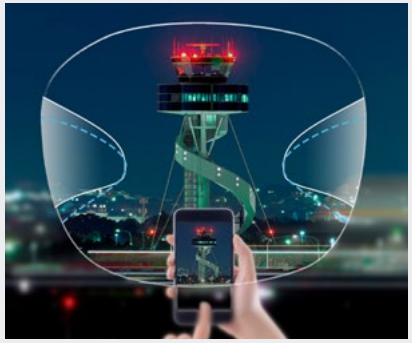


Ideal wearer: expert or novice progressive lens wearers who have visual demands that call for a larger more usable distance area.

Performance

Distance
Near
Intermediate

Camber Steady Plus Progressive | **Intermediate Vision**



Ideal wearer: first-time wearers, wearers who have experienced non-adapts with other progressive lenses, and those who have visual demands that call for a larger more usable intermediate area.

Performance

Distance
Near
Intermediate

----- **Camber Steady Plus Progressive** initial configuration

Endless Steady Progressive

Benefits

Precise and comfortable focusing for all working distances in any direction of gaze.

Near elimination of peripheral blur.

Superior visual quality when using digital devices.

Higher image stability for reduced swim effect.

Improvement of peripheral visual acuity in the distance zone.

Performance

Distance
Near
Intermediate

Technologies Personalized

DRP 2 | Steady +

Options →

Endless Steady Progressive | **Near Vision**

Ideal wearer: expert or novice progressive lens wearers who have visual demands that call for a larger more usable near area.

Performance

Distance
Near
Intermediate

Endless Steady Progressive | **Distance Vision**

Ideal wearer: expert or novice progressive lens wearers who have visual demands that call for a larger more usable distance area.

Performance

Distance
Near
Intermediate

Endless Steady Progressive | **Intermediate Vision**

Ideal wearer: first-time wearers, wearers who have experienced non-adapts with other progressive lenses, and those who have visual demands that call for a larger more usable intermediate area.

Performance

Distance
Near
Intermediate

----- **Endless Steady Progressive** initial configuration

Essential Steady Progressive

Benefits

Higher image stability for reduced swim effect.

Improvement of peripheral visual acuity in the distance zone.

Performance

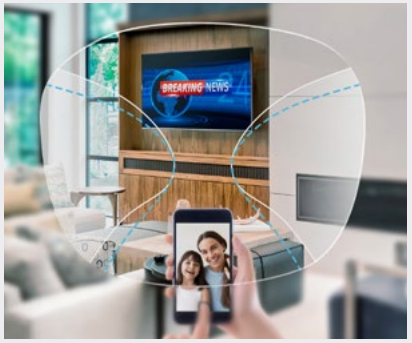
Distance
Near
Intermediate

Technology Non-Personalized

Steady +

Options →

Essential Steady Progressive | **Near Vision**

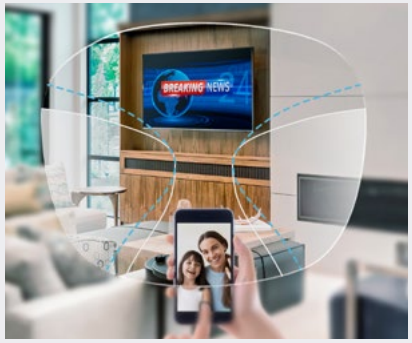


Ideal wearer: expert or novice progressive lens wearers who have a need for a high value lens and visual demands that call for a larger more usable near area.

Performance

Distance
Near
Intermediate

Essential Steady Progressive | **Distance Vision**

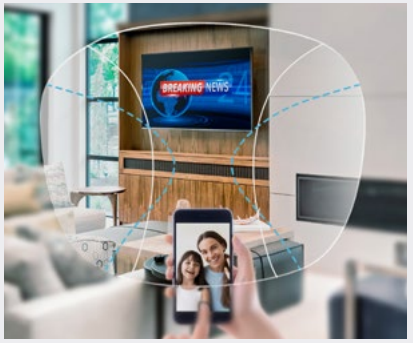


Ideal wearer: expert or novice progressive lens wearers who have a need for a high value lens and visual demands that call for a larger more usable distance area.

Performance

Distance
Near
Intermediate

Essential Steady Progressive | **Intermediate Vision**



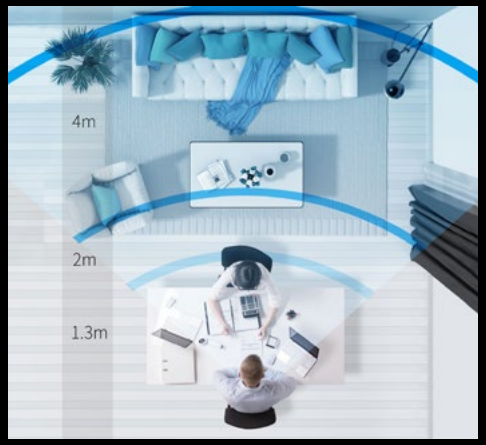
Ideal wearer: first-time wearers or wearers who have experienced non-adapts with other progressive lenses. Those who have a need for a high value lens and visual demands that call for a larger more usable intermediate area.

Performance

Distance
Near
Intermediate

----- **Essential Steady Progressive** initial configuration

Endless Office Occupational



Benefits

- Maximum intermediate and near visual fields.
- Improved postural ergonomics avoiding unnecessary head movements.
- Comfortable and precise focusing, especially when using electronic devices.
- Excellent dynamic vision, easy transition between near and intermediate visual fields.
- Immediate adaptation.
- Near elimination of peripheral blur.
- Superior visual quality when using digital devices.

Technology Personalized

DRP 2

Options →

Endless Office Occupational | 1.3 m

Clear vision from 35 cm (14 in) to 1.3 m (4.2 ft)

Types of use: when clear vision is required at desk level, prolonged use at very near distances.

Ideal wearer: Presbyopes who work in a small space and spend a significant amount of time focusing on very near distances. For example, office workers who spend most of their time viewing monitors on a desk.

Performance

Distance
Near
Intermediate

Endless Office Occupational | 2 m

Clear vision from 35 cm (14 in) to 2 m (6.5 ft)

Types of use: when clear vision is required at desk level, prolonged use at intermediate and near distances.

Ideal wearer: Presbyopes who work in a room-sized space and spend a significant amount of time focusing at intermediate and near distances. For example, office workers who utilize monitors but have a need to view another person at a conversational distance.

Performance

Distance
Near
Intermediate

Endless Office Occupational | 4 m

Clear vision from 35 cm (14 in) to 4 m (13.1 ft)

Types of use: when clear vision is required in a room-sized space and extra viewing is needed at intermediate and near distances.

Ideal wearer: Presbyopes who work in a larger space and spend time focusing on intermediate and near distances. For example, people who utilize monitors and have a need to view another person at a conversational distance and move about their workspace.

Performance

Distance
Near
Intermediate

Endless Drive Progressive

Benefits

Improves the visual experience of the wearer when driving in daytime and nighttime conditions.

Compensates for the effects of night myopia with a unique zone to provide better focus.

Optimized vision for a better view of the dashboard and mirrors.

Reduces visual fatigue symptoms when driving at night.

Greater visual acuity for easy focus and more agile eye movement.

Near elimination of peripheral blur.

Performance

Distance
Near
Intermediate

Technology Personalized

DRP 2

Endless Sport Progressive

Benefits

Maximum distance vision.

Unmatched dynamic vision with comfortable and precise focus at any distance.

Optimized fields of view, even with highly wrapped frames and higher prescriptions.

Near elimination of peripheral blur.

Performance

Distance
Near
Intermediate

Technology Personalized

DRP 2

Endless Pilot Progressive

Benefits

Precise and comfortable near vision through the upper and lower areas of the lens.

Improved postural ergonomics avoiding unnecessary head movements.

Comfortable and precise focus at all working distances.

Excellent dynamic vision, easy transition between different viewing areas.

Upper segment adapted to the wearer's visual needs.

Near elimination of peripheral blur.

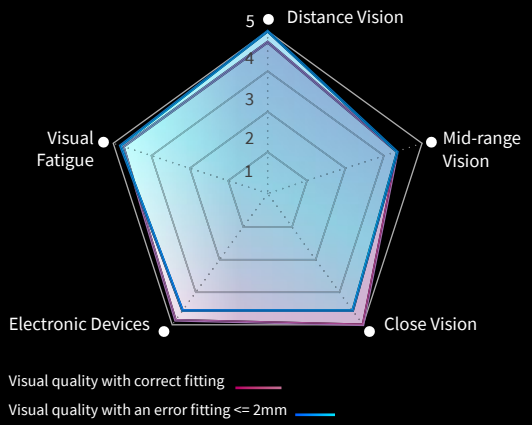
Performance

Distance
Near
Intermediate

Technology Personalized

DRP 2

Endless Steady EasyFit Progressive



Benefits

- Precise and comfortable focusing for all working distances.
- Near elimination of peripheral blur.
- High comfort due to the ultra-soft power distribution.
- Extended visual near zone, effortless to find.
- Higher image stability for reduced swim effect.
- Superior visual quality when using digital devices.
- Freedom to choose their preferred frame.

For challenging fitting conditions

Technology — Personalized

DRP 2 | Steady

Endless Bifocal

Benefits

- Wide areas of view at near and distance, free of aberrations.
- Better aesthetics, less visible segment line.
- Easy transition between visual fields.
- Comfortable and precise focusing, especially when using electronic devices.
- Countless material and treatment options.
- High value solution.
- Near elimination of peripheral blur.

Technology — Personalized

DRP 2

Options →

Endless Bifocal | **Round**

The diameter (32 mm) and position of the segment are very similar to a conventional bifocal with straight, curved, or round segments. This solution is perfect for those who already wear bifocal lenses and want easy adaptation to their new eyeglasses.

Performance

Distance

Near

Endless Bifocal | **Wide**

In this configuration, the segment is expanded up to 40 mm, offering a noticeably larger near viewing area while maintaining panoramic distance vision. This configuration is ideal for current wearers of wide segment conventional or executive bifocals. It is also optimal for vision therapy for children with accommodative difficulties.

Performance

Distance

Near

Endless Single Vision

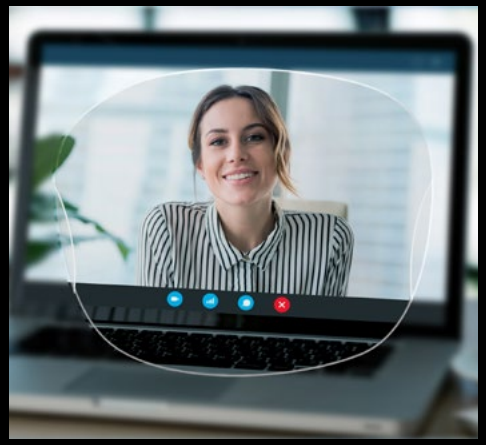
Benefits

- Impeccable visual quality, especially for high prescriptions and wrapped frames.
- Comfortable and accurate focusing at all distances.
- Superior visual quality for viewing digital devices.
- Near elimination of peripheral blur.

Technology Personalized

DRP 2

Endless Anti-fatigue Single Vision



Benefits

- Impeccable visual quality and precise focus.
- More relaxed vision with less accommodative effort.
- Designed to significantly improve reading speed on digital devices.
- Comfortable and precise focus at all distances.
- Superior visual quality for viewing digital devices.
- Near elimination of peripheral blur.

Technology Personalized

DRP 2

Endless Drive Single Vision

Benefits

- Improves the visual experience of the wearer when driving in daytime and nighttime conditions.
- Compensates for the effects of night myopia with a unique zone to provide better focus.
- Optimized vision for a better view of the dashboard and mirrors.
- Reduces visual fatigue symptoms when driving at night.
- Greater visual acuity for easy focus and more agile eye movement.
- Clear vision from center to edge ensuring a comfortable lens with no limitations regardless of the prescription or frame selected.
- Near elimination of peripheral blur.

Technology Personalized

DRP 2

Neochromes Lenses

HIGH QUALITY →
LIGHT SENSITIVE LENSES
CHANGE/ ↔ WITH → YOU

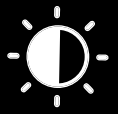
NOW´S THE TIME TO MAKE THE CHANGE

Neochromes state-of-the-art lens technology offers wearers maximum freedom, comfort and protection. Photochromic molecules react quickly to changes of light, ensuring an exceptional visual experience in any situation.

Greater comfort than standard clear lenses in changing light conditions.

Daily protection against harmful UV light, by blocking 100% of **UVA and UVB rays.**

Blue light filter to guard **against eye fatigue**, both indoors and outdoors.



Fast adaptation to changes of light in any environment.

NEOCHROMES®
Embrace the light

HOW DOES IT **WORK?** →

- **What do they look like indoors?**
  Crystal clear
- **How quickly do they darken?**
  In just seconds
- **How long do they take to fade back indoors?**
  At standard room temperature, they fade back in just a few minutes

BENEFITS FOR THE PATIENT/

- **Exceptional versatility**, thanks to their instant adaptation to changes in light conditions
- **Fast performance**, darkening in seconds and returning to clear in just a few minutes
- **Clear vision** with improved clarity and contrast
- **High protection** against harmful UV rays and blue light, helping to prevent related eye conditions
- **Greater comfort**, helping to reduce visual fatigue
- **Stylish aesthetics** with a choice of two natural, on-trend colors

PROTECT → YOUR MOST VALUABLE ASSET: **YOUR VISION/** ↖

Neochromes lenses **adapt automatically to the light intensity** outdoors, lightening quickly when indoors.

Solutions

IOT Process Quality Control

Adopting a proper quality control system is critical to reducing errors within the lab. By ensuring that quality standards are met, higher production is achieved.

With IOT Process Quality Control, you will be able to verify that all production process operations are optimal, that machinery is functioning properly, and the correct production materials are being used to ensure quality.

Additionally, it helps detect errors in the manufacturing process so you can make appropriate decisions, bringing efficiency to your operations.

IOT Process Quality Control
| Monitors the quality of lenses one-by-one

Allows you to inspect the quality of the lenses to ensure they meet a defined standard, detects errors in production, and discovers areas for improvement.

Reliable and easy to use. No technical knowledge is required.

Step-by-step process. Displays the order of measurements by automatically highlighting out-of-tolerance values.

IOT Process Quality Control
| SPC* analytics tool

Provides statistical information on the quality of the production process. Facilitates data-driven decision making to improve production and anticipate future problems.

Reliable and easy to use.

Panels or reports. Five panels of statistical information to assist in tracking production.

Error tracking. Detect the area in the production process where the error is occurring and determine the steps to remedy the situation.

IOT Process Quality Control

We help you implement the proper quality control system for your production by offering personalized advice, flexible software configuration, quality controls, and process improvement.

***SPC:** Statistical Process Control

IOT Lens Data Advisor

IOT Lens Data Advisor systematically grows, evolves, and learns from each new wearer by utilizing machine learning (ML).*

Thanks to data analysis and machine learning techniques, IOT Lens Data Advisor maximizes the chances of success in each new fitting, increasing the wearer's final satisfaction.

For the first time in the ophthalmic industry, an objective system that can learn and evolve over time – guided by wearers' feedback – has been achieved.

IOT Lens Data Advisor is a system that calculates the ideal progressive lens for each wearer, taking into consideration the satisfaction of previous wearers of progressive lenses.

What does IOT Lens Data Advisor provide?

A simple and effective solution for opticians.

A sophisticated, high-tech platform that helps you position yourself at the highest level.

An automatic system that reduces remakes and corrects rejections.

The latest innovation in lenses.

Builds loyalty.

*US Patent 2020/6,030,350

Knowing a priori which will be the best lens for each wearer is possible. Thanks to the constant flow of wearers and with the appropriate machine learning techniques, we can create a lens that provides the greatest satisfaction. By analyzing previous wearers' behavior and considering their satisfaction, IOT Lens Data Advisor offers professionals a system that calculates the correct lens design. It also helps to solve those cases with low satisfaction or rejection. IOT Lens Data Advisor is a breakthrough in providing better lenses for greater satisfaction and an improved wearer experience.

www.iotlenses.com