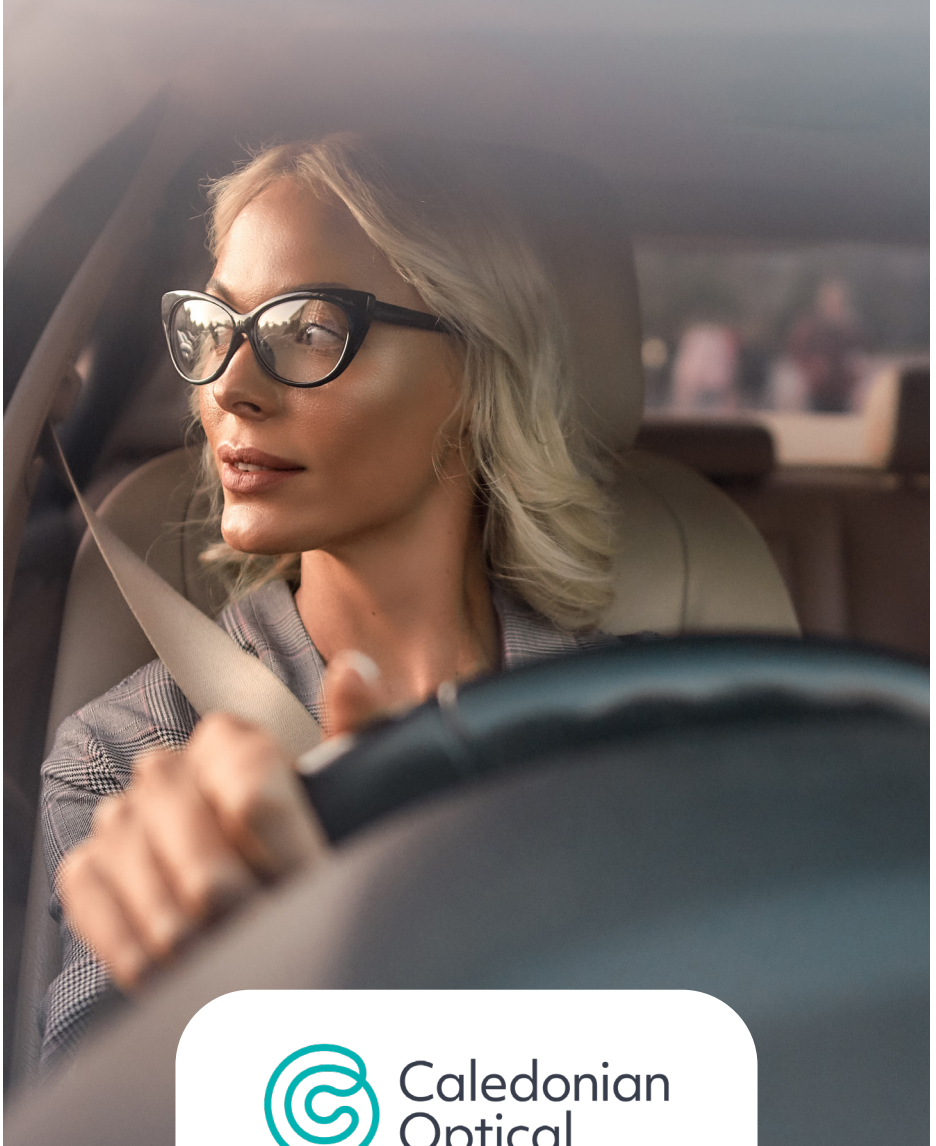


HDSV DRIVE 2.0

Comfortable and safe driving



HDSV DRIVE 2.0

PERSONALISED FREE-FORM SINGLE VISION THAT, THANKS TO ITS NIGHT VISION ZONE, ALLOWS A COMFORTABLE AND SAFE DRIVING.

Personalised free-form single vision that, thanks to its night vision zone, allows a comfortable and safe driving.

We need to drive. **We WANT to drive.** Therefore, we need an up-to-date and high-quality lens that accompanies us everywhere we go.

That is why we have decided to engineer the best personalised free-form single vision for non-presbyopic drivers who demand wonderful visual quality for driving at any time. Besides, **HDSV Drive** lenses include a **night vision zone** that compensates for the difference in refractive error that occurs between day and night translating, all this, into an impeccable visual acuity and less eyestrain.



BENEFITS

- ✓ Impeccable visual quality, especially for high prescriptions and wrapped frames.
- ✓ 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.
- ✓ Reduces visual fatigue symptoms when driving at night.
- ✓ Greater visual acuity for easy focus and more agile eye movement.
- ✓ Optimized vision for a better view of the dashboard and mirrors.
- ✓ Clear vision from center to edge ensuring a comfortable lens with no limitations regardless of the prescription or frame selected.

IDEAL WEARER

- ✓ Non-presbyopic drivers who are looking for a unique lens.
- ✓ Wearers looking for more comfort, visual quality, and safety while driving.
- ✓ Wearers who feel they see worse at night than during the day.
- ✓ Wearers with all types of prescription powers.

TECHNOLOGIES

HDSV Drive lenses incorporate **IOT Digital Ray-Path 2 Technology**



IOT DIGITAL RAY-PATH 2 TECHNOLOGY

A real revolution in vision

IOT Digital Ray-Path 2 pushes the limits of geometry in lens personalisation by incorporating the wearer's accommodative capacity in the final lens calculation **to further minimize oblique aberrations.**

This technology incorporates this factor into each individual lens and considers the accommodative object space, the volume defined by the points within the clear visual range, for each gaze direction.

BENEFITS

- ✓ Wider visual fields.
- ✓ Precise and comfortable vision.
- ✓ A more consistent wearer experience.
- ✓ Near elimination of peripheral blur.
- ✓ Superior visual quality with digital devices.



IOT Digital Ray-Path 2 works in synergy with nature. It utilizes the innate power of the human eye to refine the optimization process for personalised lenses.

FACTS

- ✓ **11%** of gaze directions are now optimized in traditional lenses.
- ✓ **43%** of gaze directions are now optimized in personalised lenses.
- ✓ **99.5%** of gaze directions are now optimized in lenses with IOT Digital Ray-Path 2

Features



PERSONALISATION

The design is further enhanced, when desired, by a complete set of individualization parameters that take into consideration the unique attributes of the frame and the preferences of the wearer. If no parameters are provided, IOT Digital Ray-Path 2 will utilize default values.



COMPENSATED POWER

Lens power differs from prescribed power. The design is calculated, point by point, to ensure wearers perceive the proper power when looking through their lenses at every distance and direction of gaze, including near distances for viewing electronic devices.



OPTIMIZED FOR ACCOMMODATIVE OBJECT SPACE

IOT Digital Ray-Path 2 incorporates the intelligent use of the wearer's accommodation into the traditional calculations for reducing oblique aberrations, resulting in a superior personalised lens. Oblique aberrations are minimized more effectively than ever before.



CONSISTENCY

The perceived power distribution remains stable, regardless of the prescription or base curve. This is especially beneficial for high prescriptions and large or wrapped frames.



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