

OFFICE 2.0

Great performance in
intermediate and near.



Caledonian
Optical

OFFICE 2.0

GREAT PERFORMANCE IN INTERMEDIATE AND NEAR WITH THIS PERSONALISED FREE-FORM LENS.

We work but not as we used to. Remote work is now more real than ever, which leads to more and more presbyopic professionals (i.e. teachers, programmers, architects) to spend most of the day using their intermediate and near vision. A new way of working that requires a new way of seeing.

Keeping this in mind, we have developed **Office II**, a lens that has been **especially engineered for these kinds of wearers since it adjusts to wearers' needs** and, at the same time, offer the **best vision for both visual zones**, turning the current way of working in a wonderful experience.



MFH [Minimum fitting height] 14mm | 18mm

BENEFITS

- ✓ Maximum intermediate and near field of vision.
- ✓ 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.
- ✓ Elimination of peripheral blur.
- ✓ Superior visual quality when using digital devices.

IDEAL WEARER

- ✓ Those who spend extended periods of time viewing objects in near and intermediate distances.
- ✓ New presbyopes.
- ✓ Remote workers.
- ✓ Wearers with all types of prescription and addition powers.

Do not drive while using Office II lenses.

TECHNOLOGIES

Office 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.



WWW.CALEDONIANOPTICAL.COM

Caledonian Optical Ltd. Unit 4 Kirkhill Commercial Park. Dyce. Aberdeen, AB21 0LQ
Tel: 01224 596 006 - Email: info@caledonianoptical.com