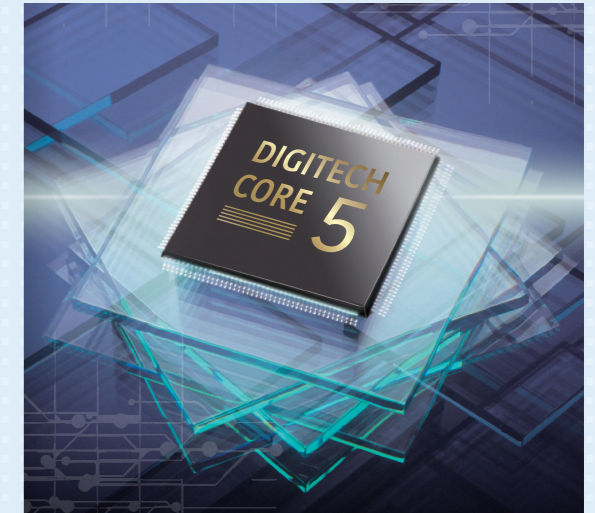
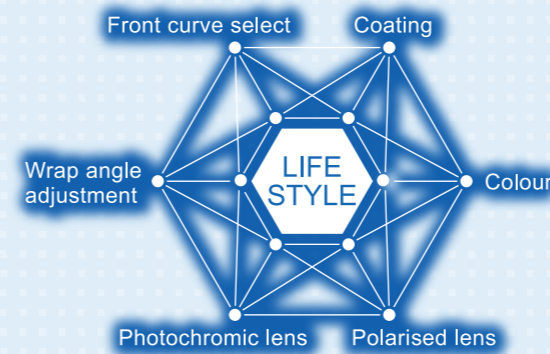




Active Mode



EASYONE

The Active Mode function combined with the new Digitech-Core 5 design engine results in a unique progressive design which provides the wearer with comfortable natural sight.

EASYONE is an ideal lens for the first time progressive wearer, whatever their lifestyle.

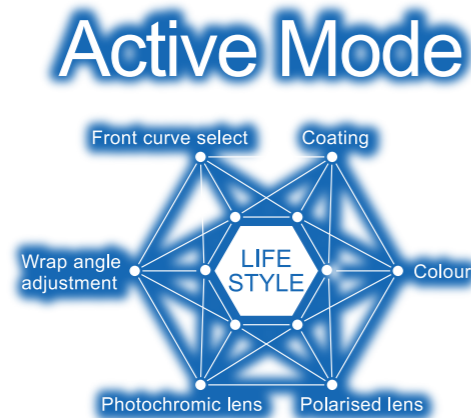


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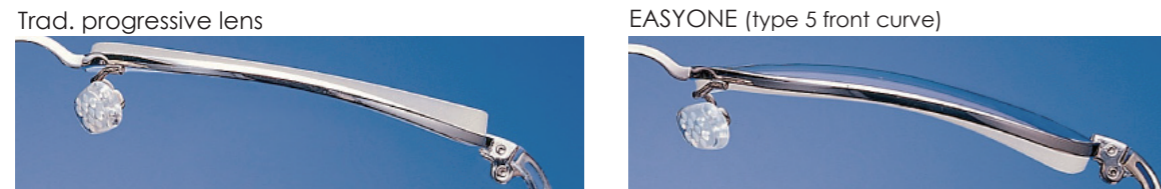
ACTIVE MODE, multiple optional features

The ACTIVE MODE design concept allows customisation of the progressive lens to match your lifestyle requirements.



■ Front Curve selection

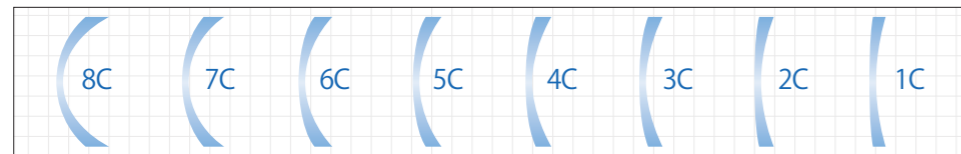
EASYONE offers a selection of 8 front curves to provide the best match to the patients chosen frame.



Trad. progressive lens
The frame does not fit the lens curve, making the lens protrude outside.

EASYONE (type 5 front curve)
Because the lens fits the frame curve, the lens is neatly contained.

Selection of 8 types of front curves. The curves may differ depending on index and prescription.



■ Wrap angle adjustment

Compensation is added to eliminate power error and deviation of the sightline which are generated due to the wrap angle variation among frames. This improves wearer comfort. Wrap angle : 0.0° -15.0° (in increments of 0.1°)

A large wrap angle can generate deviation in the lens due to the lens angle inclination in relation to the sightline. This causes an error in the optical axis degree and prism error which can possibly result in loss of optical performance.

EASYONE uses the information about the wrap angle to adapt the lens design by adjusting the optical axis, astigmatism and prism so that a high optical performance can be realised even with a large wrap angle.

The ACTIVE MODE customisation not only includes the selection of the front curve and adjustment of the wrap angle. It also means choice of functional or fashionable coatings and colours, polarising or photochromatic characteristics and choice Lutina material to help protect the eyes.

New design engine DIGITECH-CORE 5

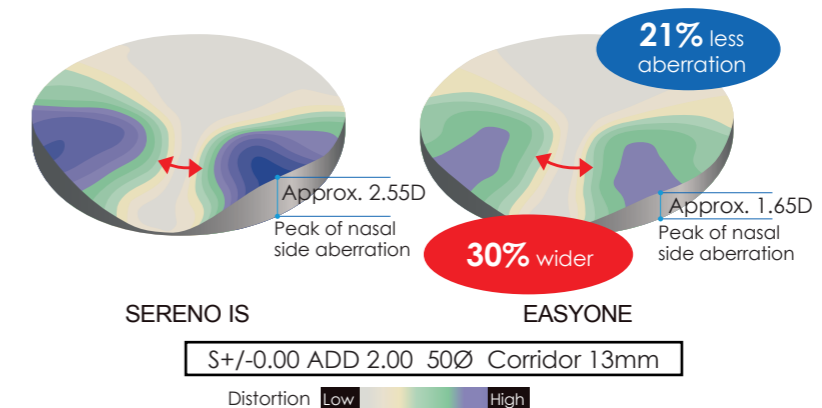
Tokai's new DIGITECH-CORE 5 design engine has been developed and installed into EASYONE to reduce sway and distortions to a minimum thus providing more natural vision.



■ Seamless sight with suppressed sway and distortions

DIGITECH-CORE 5 controls sway and distortion at a higher stage. Fine adjustment of the amount and direction of distortion has realised natural movement of the sightline with less shift and distortion. This makes EASYONE easy to adapt to.

Aberration is substantially reduced and suppressed to a minimum, leading to the improvement of sway and distortion. This also improves the use at intermediate to near-vision zones, providing a soft and smooth sight with less blur.



■ New Flexible Inset Design combined with choice of 3 corridors

The inset can be specified from 0,0mm to 5,0mm at 0,1mm steps. Reading distance up to 80cm. There are 3 types of corridors to choose from : 11, 12 & 13 mm.

■ Retinal Focus Design

Transmitted light will be continuously adjusted during its use to ensure an optimal degree of accommodation over the entire lens surface. This improves image formation on the retina. Making a flatter base curve results in thinning and weight saving advantages. The distinct field of vision has been extended by optimising astigmatism correction.

■ Optimal Atoric Design

A design with highly effective aberration control compensates for aberration by ray tracing against full astigmatism (extending to the periphery of the lens). The result is an optimal atoric surface and a broadened field of vision.

