



VALUE ENGINEERED  
**LENS DESIGNS**



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## A2**EXPERTISE**

Created by progressive design and freeform software leaders Crossbows Optical

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## A2**MODERN DESIGN**

A new range for the modern spectacle wearer

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## A2**BALANCED PORTFOLIO**

With a fantastic range of all-round progressives, lifestyle designs and digital Single Vision options

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## A2**TECHNOLOGIES**

From digital personalization through to Point-of-Wear measurements to lens thinning technologies such as OptiEdge and Variable Decentration, A2Vision has it all!



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## A2 LENS DESIGNS

### The Leading Value Engineered Lens Designs

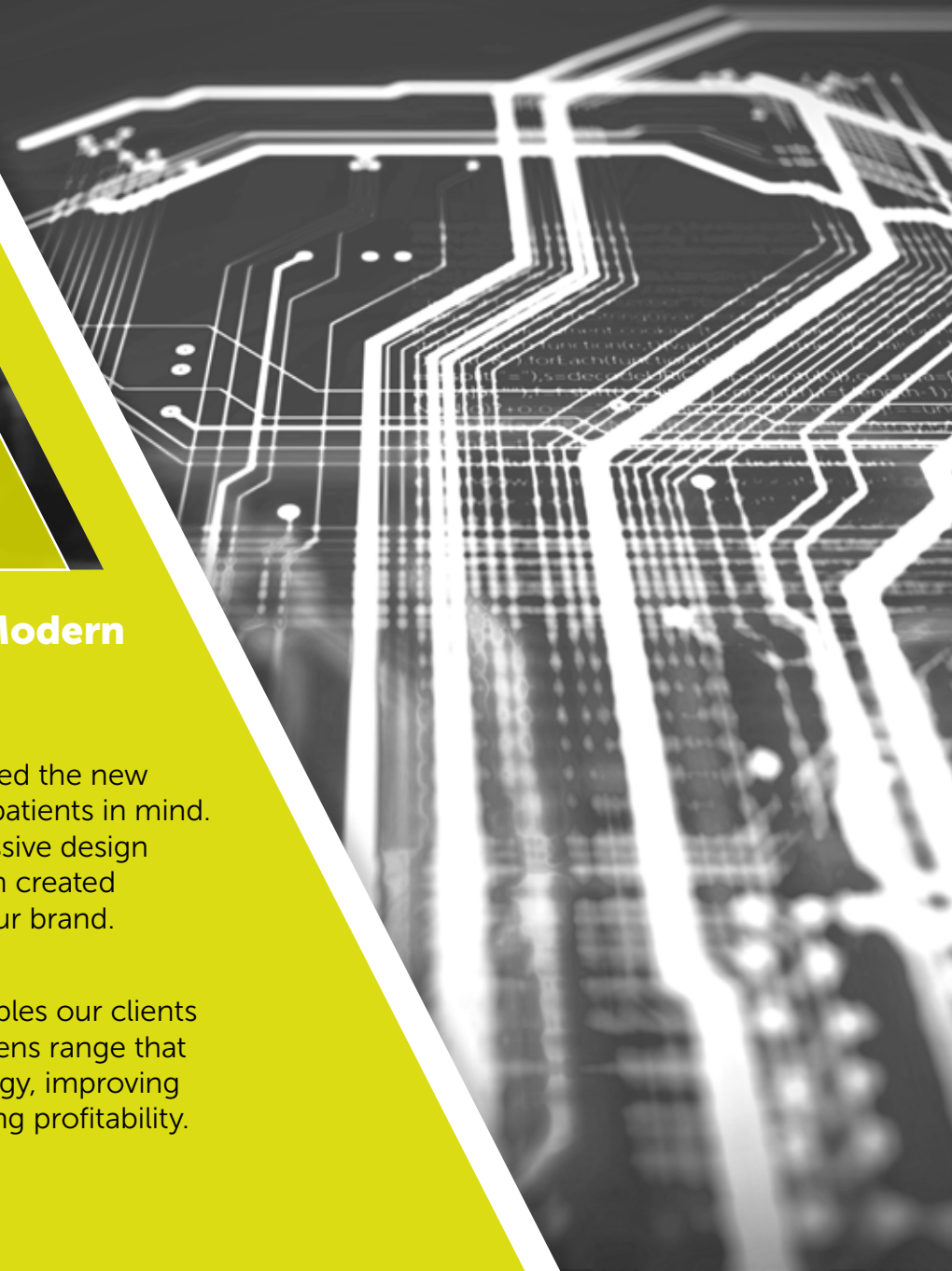
A2Vision freeform provides lens manufacturers with new and exciting opportunities, enabling them to offer a wide range of high performance lenses. A2VisionRx freeform software enables the production of finished progressive and single vision lenses from semi-finished blanks.

An extensive range of designs are available to suit a broad variety of patients' needs and frame sizes.

### Developed To Meet Modern Lifestyle

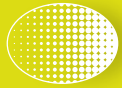
Crossbows Optical have created the new A2Vision range with modern patients in mind. Using our 40 years' of progressive design experience, A2Vision has been created specifically to add value to your brand.

The new design portfolio enables our clients to create a value engineered lens range that offers a high level of technology, improving patients' satisfaction and driving profitability.



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## ADVANCED TECHNOLOGIES



### EDGE BLENDING (OPTIEDGE)

Calculations are made to ensure full prescription in the central area of the lens, while a blended region is applied to the edge for minimising material thickness. Improves appearance of higher powered minus lenses by flattening their outer edges and making them lighter and thinner. For plus power lenses, the advantage of OptiEdge is a reduced centre thickness and weight of the lenses.



### VARIABLE DECENTRATION

Enables the use of smaller diameters, reducing the lens thickness for plus power lenses while also decreasing waste and generating times.



### PANORAMIC BIAS

Greater bias is given to the wider viewing zones, for far reaching vision perfection. Due to the prioritising of wider fields of view it provides improved reading vision.



### A2RAYTRACE

Uses raytracing techniques to provide a more consistent visual quality across the lens and to deliver a fully personalised experience taking into account Point-of-Wear measurements.



### MONITOR

Transition corridor is widened and intermediate vision zones are optimised for extended use.



### VARIABLE INSET

Every patient needs a different inset to maximise their reading vision. Our Variable Inset is calculated for each progressive wearer, taking into account all of the individual's parameters.



### ANTI-FATIGUE

Provides a boost to the prescription in the reading zone. Offering a reduction in visual stress and a more comfortable lens for extended wear.



### COMFORT

Smoothing of the lens design with reductions in the severity of the transitions creates a more comfortable user experience and reduces patient rejection.



### SEAMLESS

Next generation bifocal removes the unsightly seg line and the visual 'jump' associated with traditional designs.



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# A2 LENS DESIGNS

## Range at a glance

	Design Type	OptiEdge	Decentration	A2RayTrace	Variable Inset	Comfort	Panoramic Bias	Monitor	Anti-Fatigue	Seamless	Price Point
A2Vision <b>Crest Max</b>	PAL	○	○	○	○	○					A
A2Vision <b>Crest</b>	PAL	○	○			○					B
A2Vision <b>Top</b>	PAL	○	○				○				C
A2Vision <b>Corporate</b>	Office	○	○			○		○			D
A2Vision <b>Occupation</b>	Office	○	○			○		○			D
A2Vision <b>Boost</b>	Anti-Fatigue	○	○						○		D
A2Vision <b>Blended Bifocal</b>	Bifocal		○							○	D
A2Vision <b>Performance</b>	SV	○	○	○							C
A2Vision <b>Sphere</b>	SV	○	○								E

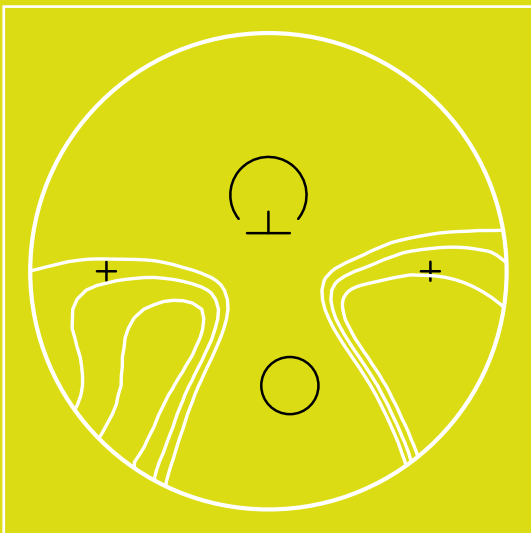








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**A2VISION CREST MAX**

**Tailored to you**

High performing, all-round progressive design personalized to meet your needs with our **NEW A2RayTrace technology**. A2RayTrace seamlessly combines aspheric correcting calculations and prescription compensation to offer consistent high performance across the lens and to sharpen the wearer's clarity of vision. Crest Max is ideal for sports wraps and fashion frames as A2Raytrace ensures best as worn conditions.



**Design Features**

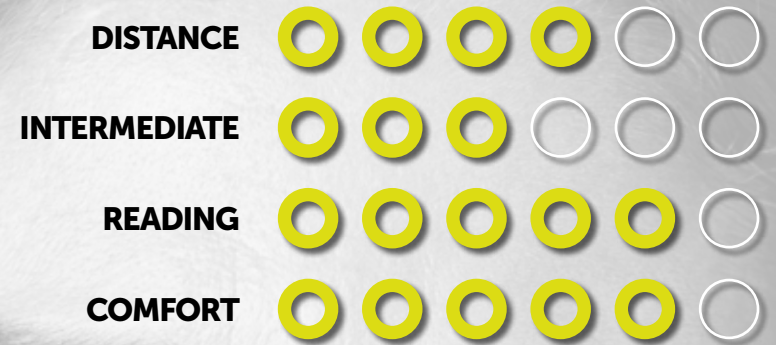
			
A2RAYTRACE	COMFORT	OPTIEDGE	VARIABLE INSET

**A2Vision Crest Max**

FRAME	<b>All frames</b>
CORRIDOR	<b>12, 14, 16 and 18mm</b>
ADDITION	<b>0.75 to 3.50D</b>



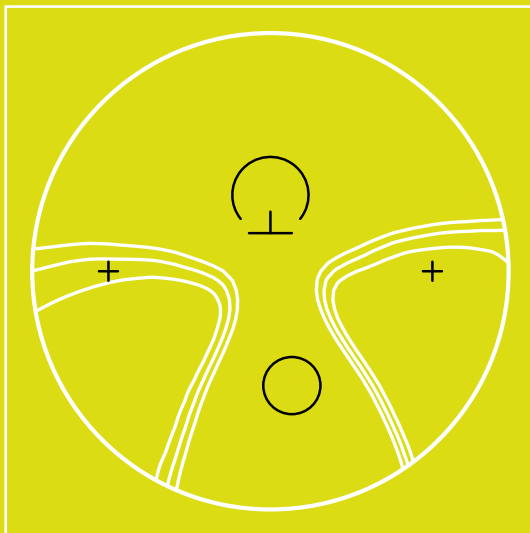
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**A2VISION CREST**



### Comfort in Mind

Crest was designed with the patient's comfort in mind. It has low overall astigmatism with smaller rates of change which provides fast adaptation and fabulous patient comfort.

This high level of comfort is combined with excellent distance and wide intermediate areas. The ideal design for first time wearers of progressive lenses.



#### Design Features

OPTIEDGE	VARIABLE DECENTRATION	COMFORT	

#### A2Vision Crest

FRAME	<b>Standard Frame</b>
CORRIDOR	<b>12, 14, 16 and 18mm</b>
ADDITION	<b>0.75 to 3.50D</b>

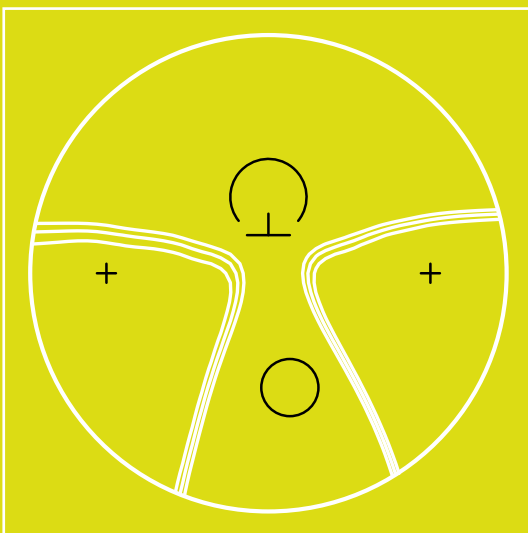
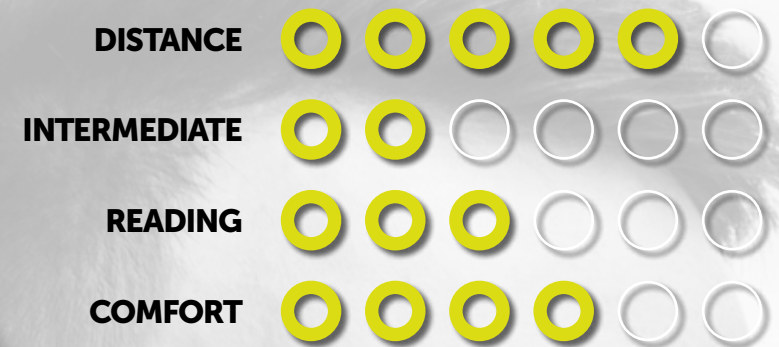




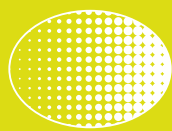
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**A2VISION TOP**

**Optimised for Wider Vision Zones**

A very popular A2Vision design, Top is a strong performing basic progressive lens, providing wide and balanced fields of vision. Greater bias is given to the wider viewing zones, for far reaching vision perfection.



**Design Features**



OPTIEDGE



VARIABLE  
 DECENTRATION



PANORAMIC BIAS

**A2Vision Top**

FRAME	<b>Standard Frame</b>
CORRIDOR	<b>12, 14, 16 and 18mm</b>
ADDITION	<b>0.75 to 3.50D</b>





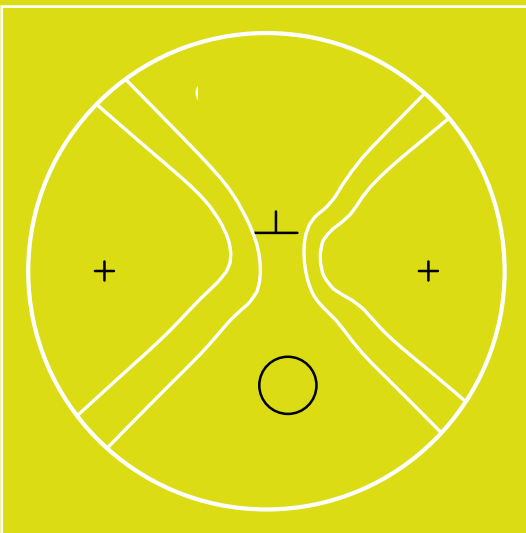
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# A2VISION CORPORATE

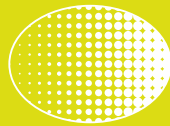
## Tailored to you

A2Vision Corporate design provides excellent intermediate and near vision zones. The intermediate field is much wider than in a regular progressive design with the same corridor length. This lens is great for home and office use.

Maximum distance vision = 2m



### Design Features



OPTIEDGE



VARIABLE  
DECENTRATION



MONITOR



COMFORT

### A2Vision Corporate

FRAME	Standard Frame
CORRIDOR	16mm
TO SUIT ADDITION	1.25D to 4.00D

DISTANCE



INTERMEDIATE

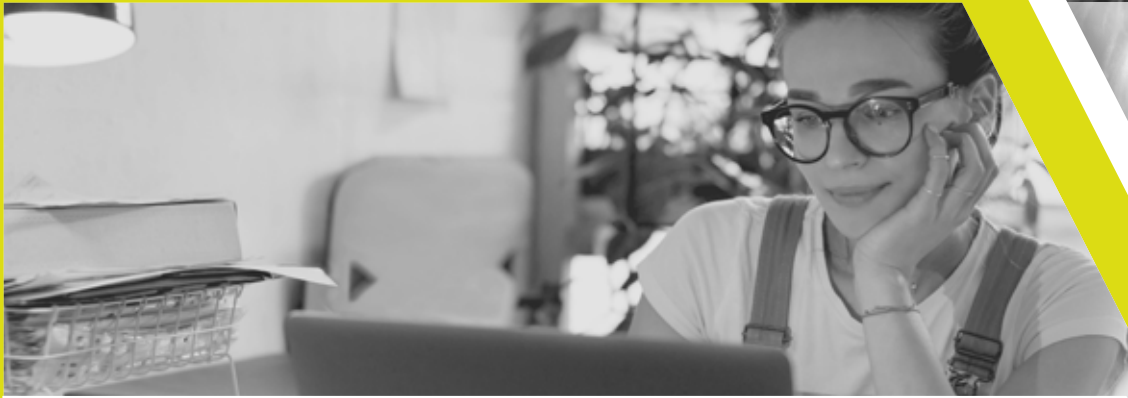


READING



COMFORT



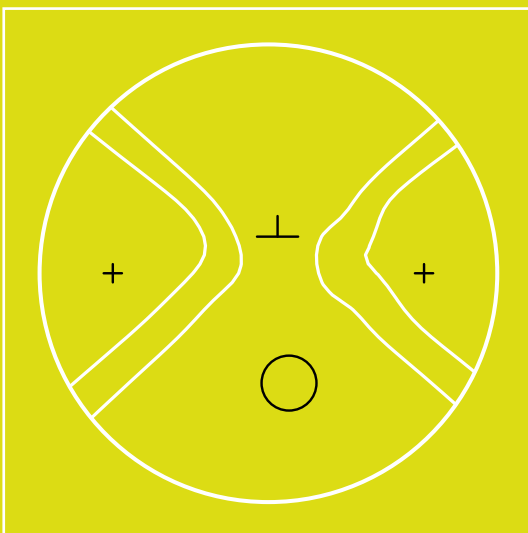
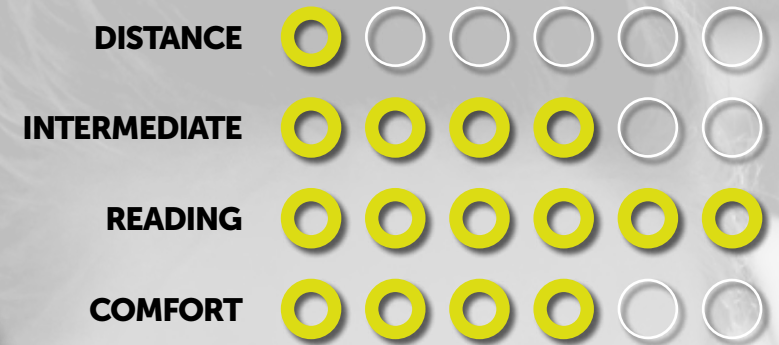


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**A2VISION OCCUPATION**

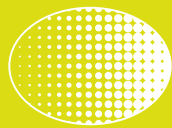
**Tailored to you**

A2Vision Occupation is ideal for those who spend most of their day working on the PC or laptop. It offers even wider fields of view than Corporate, and is easier to access the reading area, but full distance vision has been shortened.

Maximum distance vision = 1m



**Design Features**



OPTIEDGE



VARIABLE DECENTRATION



MONITOR



COMFORT

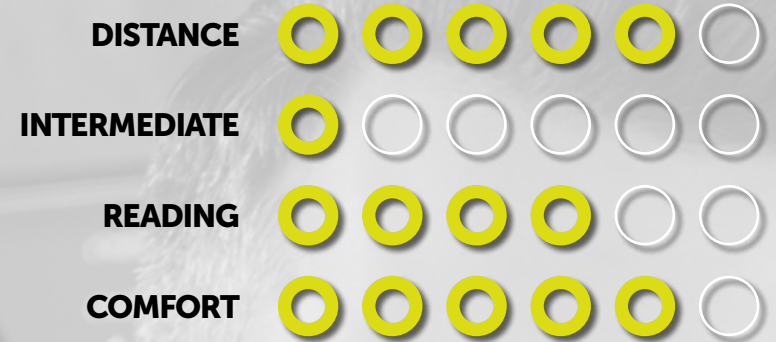
**A2Vision Occupation**

FRAME	<b>Standard Frame</b>
CORRIDOR	<b>16mm</b>
TO SUIT ADDITION	<b>1.75D to 4.50D</b>



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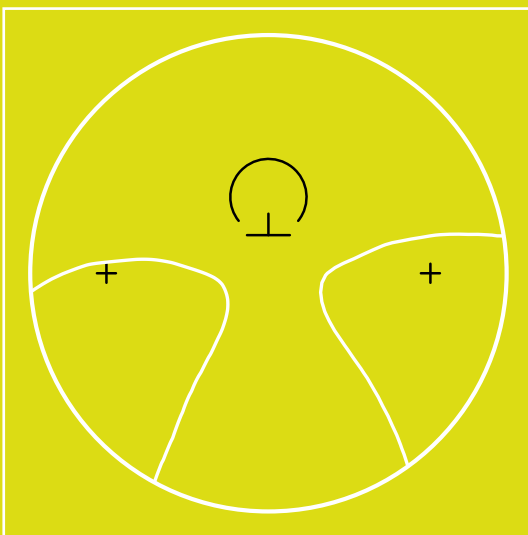
# A2VISION BOOST



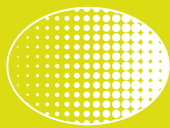
## Tailored to you

A2Vision Boost is a progressive lens for people who are not yet presbyopic, to reduce the strain on the eyes as they focus on near vision tasks. There is a soft transition to the boosted zone with minimal distortion.

Boost is ideal for 25 to 44 year olds who have a very low or no prescribed addition but use a digital device regularly or read a lot.



### Design Features



OPTIEDGE



VARIABLE  
DECENTRATION



ANTI-FATIGUE

### A2Vision Boost

FRAME	<b>Standard Frame</b>
CORRIDOR	<b>14mm</b>
ADDITION	<b>0.50D, 0.75D and 1.00D</b>

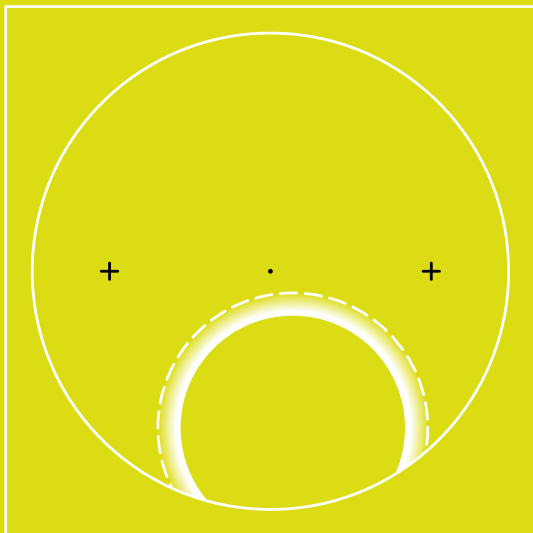


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# A2VISION BLENDED BIFOCAL

## The Modern Bifocal

Exceptional performance for near and far distance. No image jump or unsightly line in the spectacles.



### Design Features

			
SEAMLESS	VARIABLE DECENTRATION		

### A2Vision Blended Bifocal

FRAME	<b>Standard Frame</b>
SEG HEIGHT	<b>Variable</b>
ADDITION	<b>+0.75D to +3.50D</b>

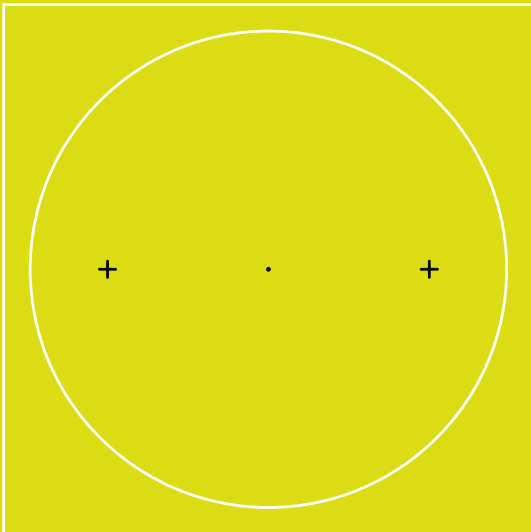
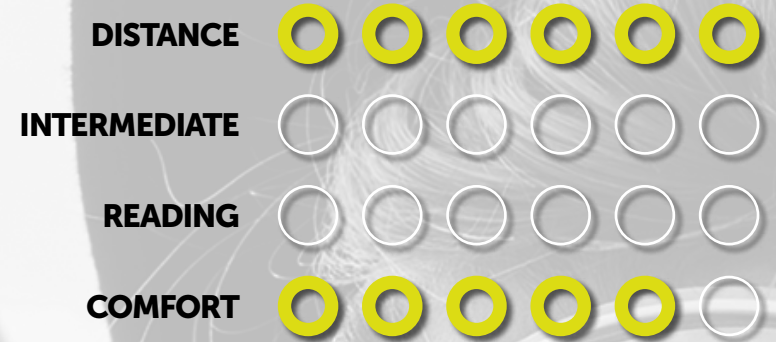


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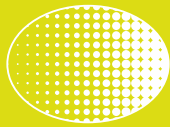
# A2VISION PERFORMANCE<sup>SV</sup>

## Tailored to you

A2Vision Performance is a single vision design that delivers a better clarity of vision through unique technology A2RayTrace which combines aspheric corrections and prescription compensation to provide a superior performance.



### Design Features



OPTIEDGE



VARIABLE DECENTRATION



A2RAYTRACE

### A2Vision Performance Single Vision

FRAME

All Frames

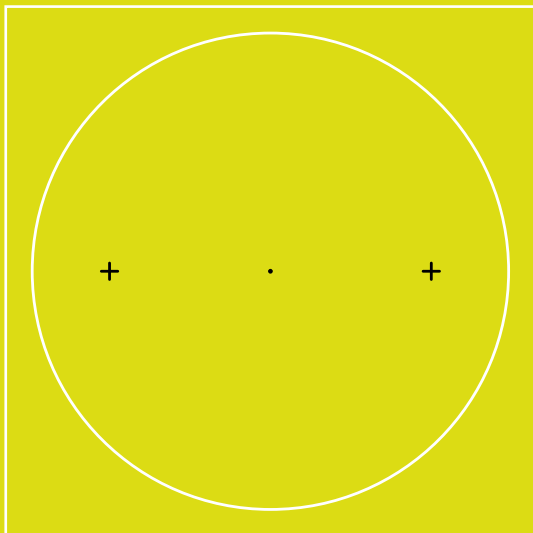
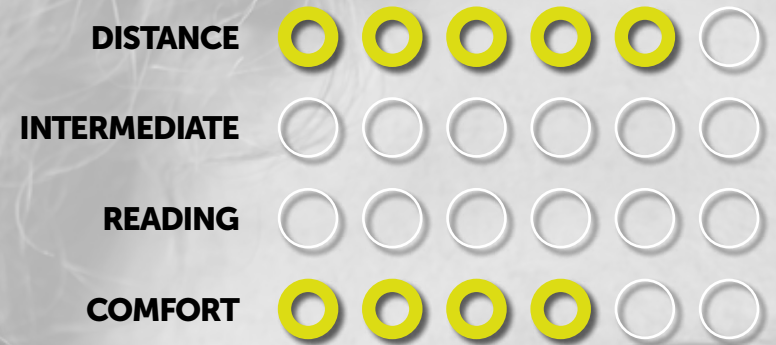


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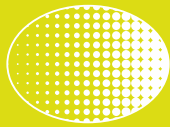
# A2VISION SPHERE<sup>sv</sup>

## Simple

A2Vision Sphere is a Single Vision spherical or toric design applied to the back surface of a semi-finished blank to the exact prescription.



### Design Features



EDGE  
BLENDING



VARIABLE  
DECENTRATION

### A2Vision Sphere Single Vision

FRAME

Standard Frame



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**LENS DESIGNS**

POWERED BY



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