

**VISTAZEN™**  
COLLECTION

# DIGITAL FREEFORM PROGRESSIVE LENS

REFERENCE GUIDE



**OTL LENS LAB**  
YOUR RELIABLE OPTICAL LAB



## PROGRESSIVE LENS DESIGNS

DESIGNS	RECOMMENDATION
LUMINA	Ideal for beginners seeking a versatile progressive lens
EVOLUTION	Designed for wearers who expect cutting edge vision solutions
PRECISA	Advanced progressive lens for ultimate clarity and comfort
DESKTOP	Tailor made lens designed for busy office use and enhanced vision



**LUMINA**  
ENTRY LEVEL



**EVOLUTION**  
MID RANGE



**PRECISA**  
PREMIUM



**DESKTOP**  
OFFICE



**PROGRESSIVE LENS DESIGN** - ENTRY LEVEL

**LUMINA**



SOFT  
DESIGN



# LUMINA

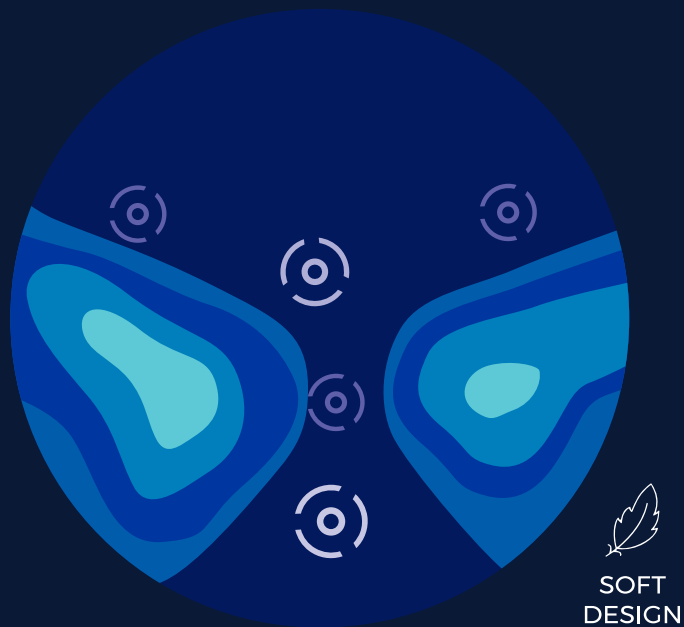
A Progressive lens designed with Adaptive Focus Technology to provide a good overall vision. Progressive design that meets the vision needs of people who are devoted to digital devices.

<b>ENGRAVING GUIDE   LENS MARKING SYMBOL - X</b>			<b>AVAILABLE INDEXES</b>	
ENGRAVE	CORRIDOR DESCRIPTION	CORRIDOR LENGTH		
<b>L1</b>	<b>US - Ultra Short Corridor</b>	<b>12mm</b>	<b>1.50</b>	<b>White</b>
<b>L2</b>	<b>XS - Extra Short Corridor</b>	<b>14mm</b>		
<b>L3</b>	<b>S - Short Corridor</b>	<b>16mm</b>	<b>1.56</b>	<b>Sunglare</b>
<b>L4</b>	<b>L - Long Corridor</b>	<b>18mm</b>		



**PROGRESSIVE LENS DESIGN** - MID RANGE

**EVOLUTION**



# EVOLUTION

A Progressive lens with balanced design for small to large sized frames. The perfect solution for wearers who are looking for progressives with a wider and less distorted vision.

## ENGRAVING GUIDE | LENS MARKING SYMBOL - □

ENGRAVE	CORRIDOR DESCRIPTION	CORRIDOR LENGTH
<b>E1</b>	<b>US - Ultra Short Corridor</b>	<b>12mm</b>
<b>E2</b>	<b>XS - Extra Short Corridor</b>	<b>14mm</b>
<b>E3</b>	<b>S - Short Corridor</b>	<b>16mm</b>
<b>E4</b>	<b>L - Long Corridor</b>	<b>18mm</b>

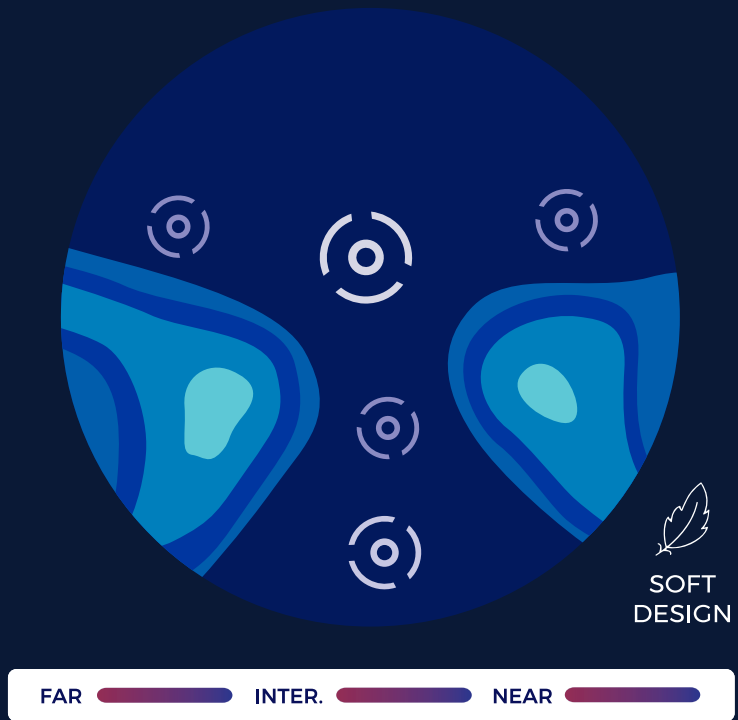
## AVAILABLE INDEXES

<b>1.50</b>	<b>White</b>
<b>1.56</b>	<b>Sunglare</b>
<b>1.67</b>	<b>White</b>
<b>1.67</b>	<b>Sunglare</b>
<b>1.74</b>	<b>White</b>



**PROGRESSIVE LENS DESIGN - PREMIUM**

**PRECISA**



# PRECISA **VISTAZEN™** COLLECTION

Premium progressive lens engineered with Continuum Design Technology and Smart Molding Process. Delivers wider, clearer visual fields across near, intermediate, and distance zones; ensuring precise focus transitions and superior optical performance for demanding wearers.

## ENGRAVING GUIDE | LENS MARKING SYMBOL -

ENGRAVE	CORRIDOR DESCRIPTION	CORRIDOR LENGTH
<b>P1</b>	<b>US - Ultra Short Corridor</b>	<b>12mm</b>
<b>P2</b>	<b>XS - Extra Short Corridor</b>	<b>14mm</b>
<b>P3</b>	<b>S - Short Corridor</b>	<b>16mm</b>
<b>P4</b>	<b>L - Long Corridor</b>	<b>18mm</b>

## AVAILABLE INDEXES

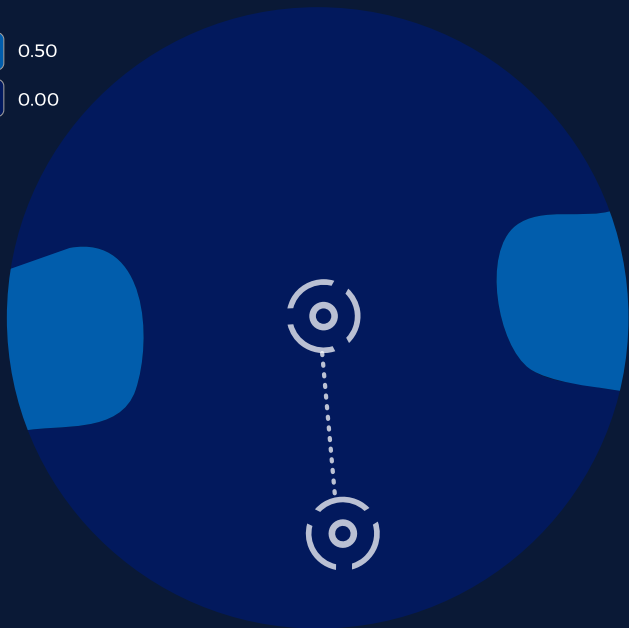
<b>1.50</b>	<b>White</b>
<b>1.56</b>	<b>Sunglare</b>
<b>1.67</b>	<b>White</b>
<b>1.67</b>	<b>Sunglare</b>
<b>1.74</b>	<b>White</b>



# PROGRESSIVE LENS DESIGN

**DESKTOP** - OFFICE

0.50  
0.00



# DESKTOP - OFFICE **VISTAZEN™** COLLECTION

Desktop Office is a tailor made lens designed for intermediate and near vision. Suitable for people who need a wider area for near and intermediate vision without peripheral restraints for office work.

**PLEASE PROVIDE PATIENT'S INTERMEDIATE COMFORT RANGE**

**DK**

LENS ENGRAVING

**+**

LENS MARKING SYMBOL

**Computer Desk** 0,75m  
**Meeting Office** 1,3 - 1,5m  
**Office** 2m  
4m



SOFT  
DESIGN

RECOMMENDED DISTANCE

## AVAILABLE INDEXES

<b>1.50</b>	<b>White</b>
<b>1.56</b>	<b>Sunglare</b>
<b>1.67</b>	<b>White</b>
<b>1.67</b>	<b>Sunglare</b>
<b>1.74</b>	<b>White</b>

**RANGE**  
0.75 - 4m

**SCRIPT  
CAL.**  
AUTO

**ADD  
RANGE**  
+0.75 | +4.00

**LRP**  
GEOMETRIC  
CENTER

**MFH**  
16mm

**CORRIDOR  
LENGTH**  
24mm

INFORMATION

FAR INTER. NEAR



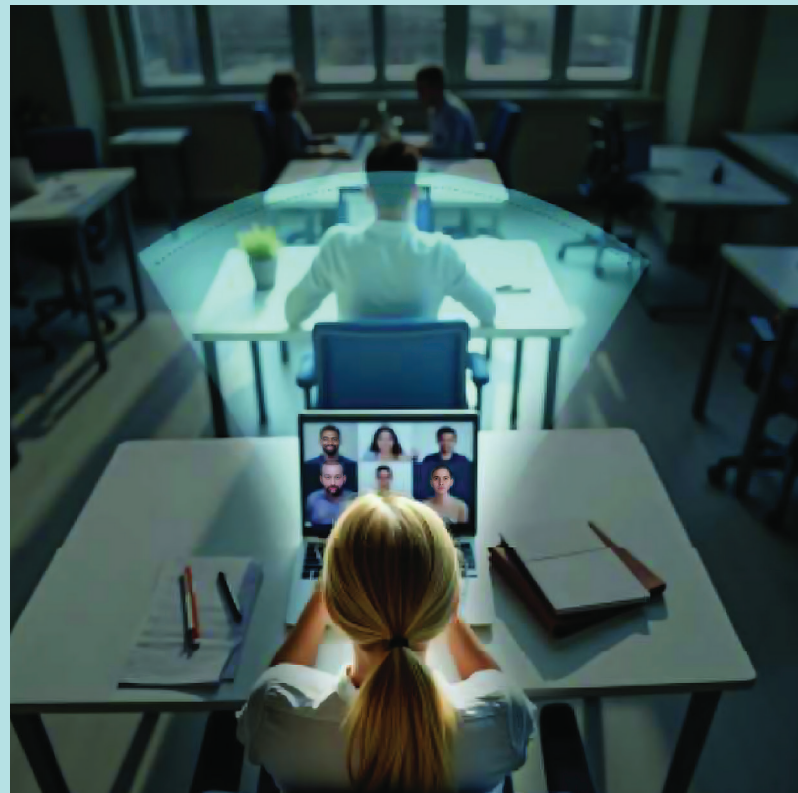
# DESKTOP OFFICE LENS DESIGN

## DYNAMIC RANGES

# PERFORMANCE TABLE

# PERFORMANCE TABLE DYNAMIC RANGES

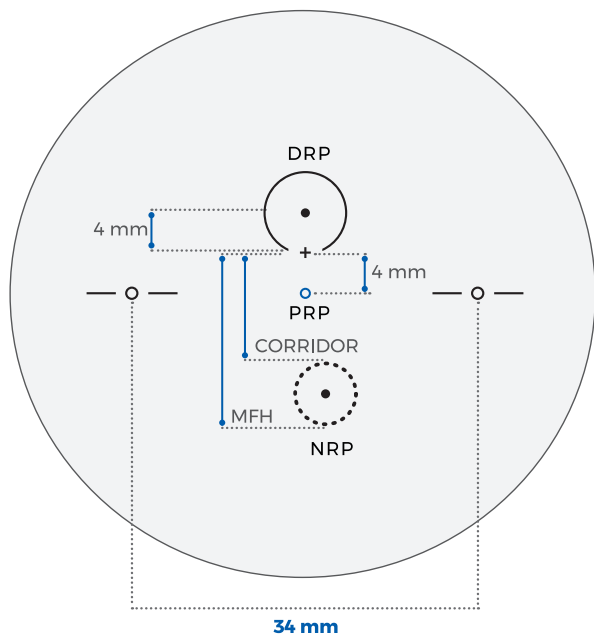
ADD RX	DEGRESSION	VISION RANGE	DEGRESSION SUGGESTION
+1.00 dpt	- 0.75 dpt	from 33cm to 4m	-0.75 dpt
+1.25 dpt	- 0.75 dpt - 1.00 dpt	from 33cm to 2m from 33cm to 4m	-0.75 dpt
+1.50 dpt	- 0.75 dpt - 1.00 dpt - 1.25 dpt	from 33cm to 1.3m from 33cm to 2m from 33cm to 4m	-1.00 dpt
+1.75 dpt	- 1.00 dpt - 1.25 dpt - 1.50 dpt	from 33cm to 1.3m from 33cm to 2m from 33cm to 4m	-1.25 dpt
+2.00 dpt	- 1.25 dpt - 1.50 dpt - 1.75 dpt	from 33cm to 1.3m from 33cm to 2m from 33cm to 4m	-1.50 dpt
+2.25 dpt	- 1.50 dpt - 1.75 dpt - 2.00 dpt	from 33cm to 1.3m from 33cm to 2m from 33cm to 4m	-1.50 dpt
+2.50 dpt	- 1.75 dpt - 2.00 dpt - 2.25 dpt	from 33cm to 1.3m from 33cm to 2m from 33cm to 4m	-1.75 dpt
+2.75 dpt	- 2.00 dpt - 2.25 dpt	from 33cm to 1.3m from 33cm to 2m	-2.00 dpt
+3.00 dpt	- 2.25 dpt	from 33cm to 1.3m	-2.25 dpt





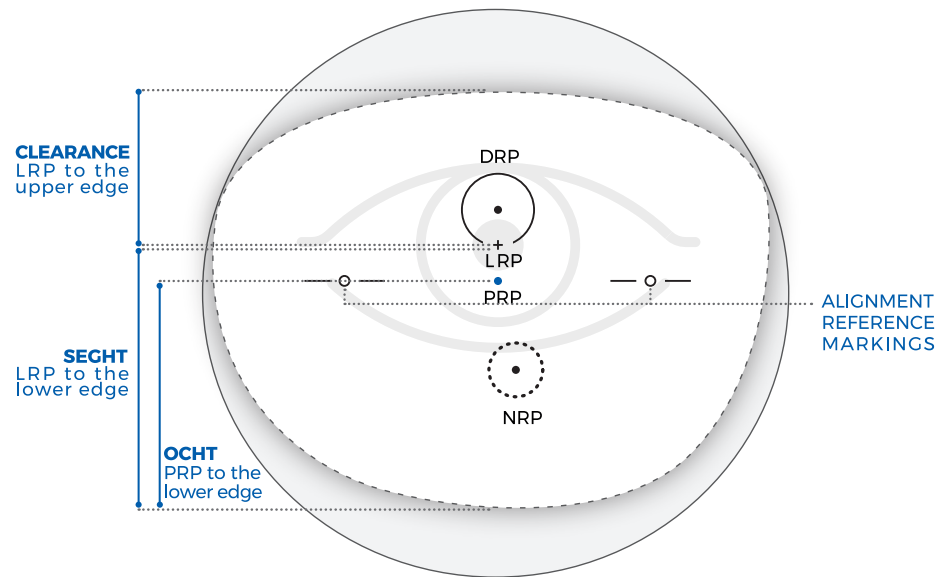
## **PROGRESSIVE LENS DESIGN**

# **MEASUREMENT CHART**



## LEGEND

-  Distance
-  LRP to lower edge of NRP
- CORRIDOR** LRP to upper of NRP area
- CLEARANCE** From LRP up to the upper edge of the frame
- DRP** Distance Reference Point
- LRP / +** Layout Reference Point
- LRP to DRP center** 4mm (Always)
- MFH** Minimum Fitting Height
- NRP** Near Reference Point
- OCHT** Ocular Centre Height
- PRP** Prism Reference Point
- PALS STANDARD DESIGNS** PRP to LRP = 4 mm
- SEGHT** Seg Height





# PROGRESSIVE LENS DESIGN

LUMINA • EVOLUTION • PRECISA

## CENTRATION CHART

**LUMINA** - ENTRY LEVEL

**EVOLUTION** - MID LEVEL

**PRECISA** - PREMIUM

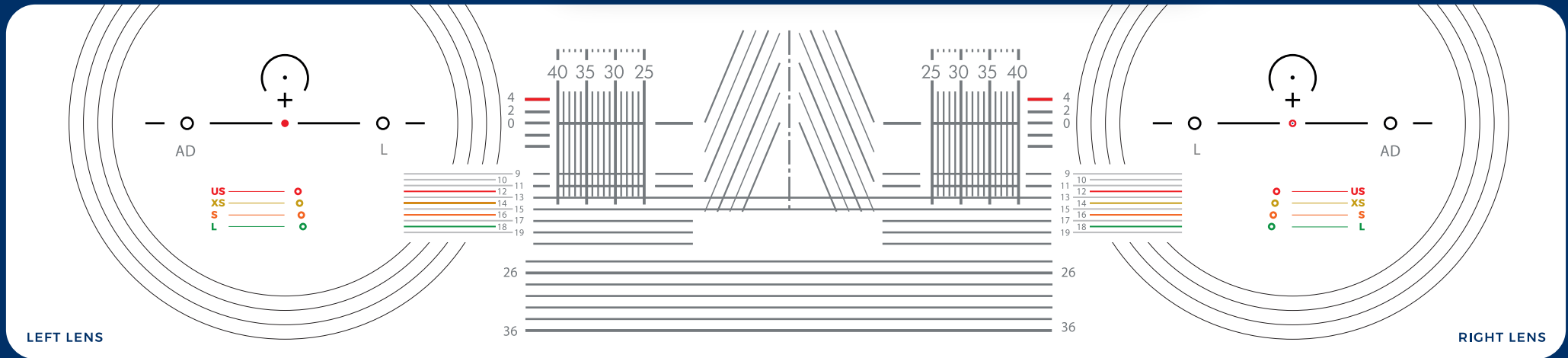
## CORRIDORS

- US** Ultra Short
- XS** Extra Short
- S** Short
- L** Long

- o : Geometric Center
- + : Pupil Point

### Laser Engraving information

- AD** : Addition
- L** : Lens Design





## DESKTOP OFFICE LENS DESIGN

# CENTRATION CHART

# DESKTOP - OFFICE

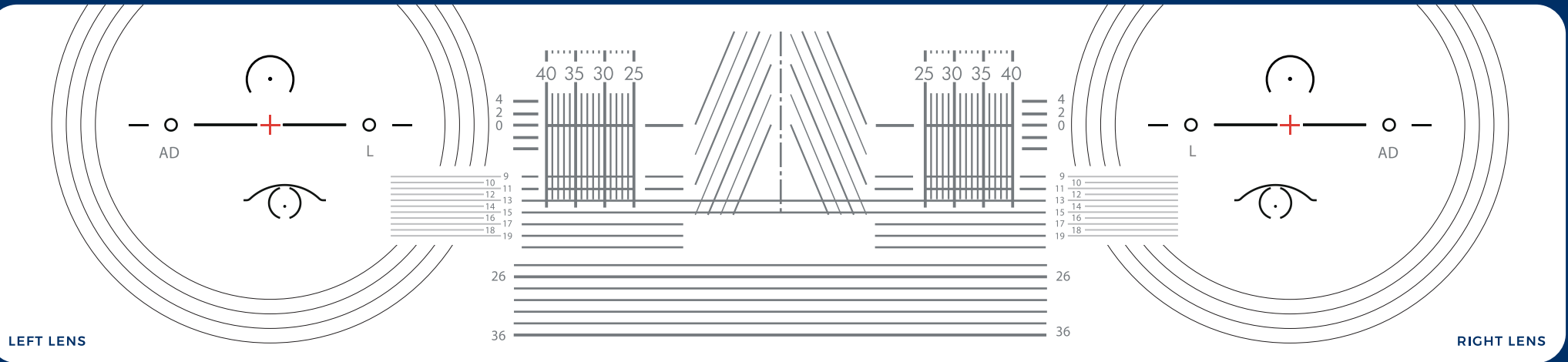
+ : Geometric Center

○ : Pupil Point

## Laser Engraving information

AD : Addition

L : Lens Design




















## **PROGRESSIVE LENS DESIGN**

# **DESIGN SELECTION GUIDE**

# PROGRESSIVE DESIGN SELECTION GUIDE

DATA CATEGORIES	LUMINA FREEFORM ENTRY LEVEL	EVOLUTION FREEFORM MID RANGE	PRECISA FREEFORM PREMIUM
CONTINUOUS CORRIDOR	 12-18mm	 12-18mm	 12-18mm
NEAR REFERENCE POINT (NRP)	 8-12mm	 8-14mm	 8-18mm
MAX DIAMETER	 75mm	 75mm	 75mm
SPHERICAL POWER RANGE	 -7 / +7 D	 -9 / +7 D	 -9 / +7 D
CYLINDRICAL RANGE	 -6	 -6	 -6
AVAILABLE CORRIDORS	US XS S L	US XS S L	US XS S L



## **PROGRESSIVE LENS DESIGN**

# **CORRIDOR SELECTION GUIDE**

**PROGRESSIVE  
CORRIDOR  
SELECTION GUIDE**

**PROGRESSIVE CORRIDOR SIZES**

SUITABLE FRAME SIZE	US	XS	S	L
SMALL 47-50mm	●	●		
MEDIUM 51-54mm		●	●	
LARGE 55-60mm			●	●
MIN FITTING HEIGHT	<b>12mm</b>	<b>14mm</b>	<b>16mm</b>	<b>18mm</b>



# LENS TINTING



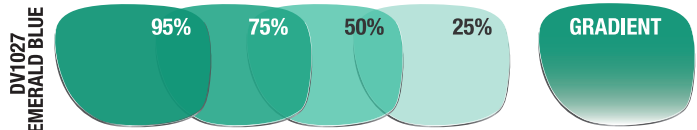
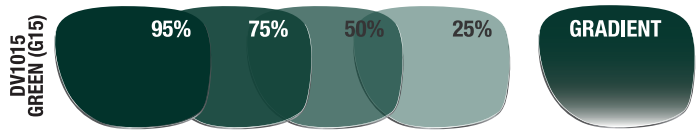
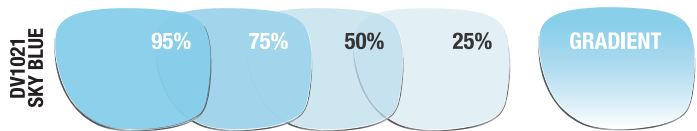
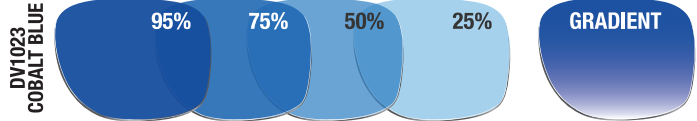
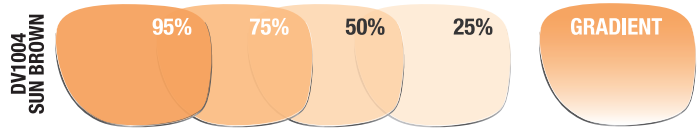
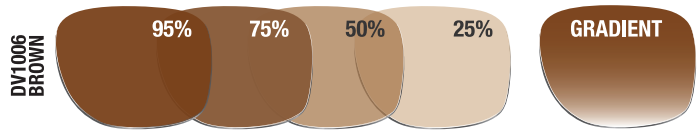
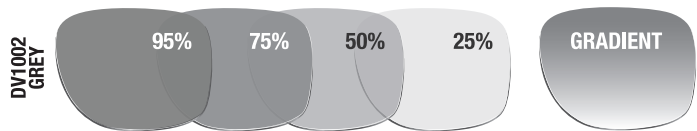
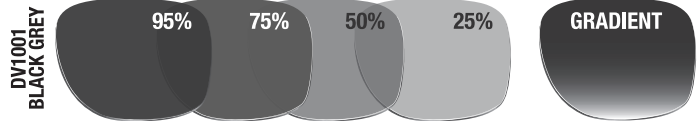
More colour variations  
available under each tint



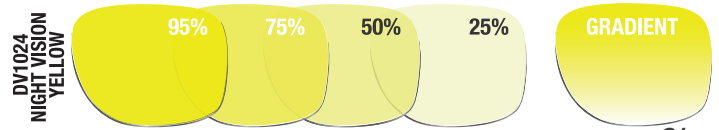
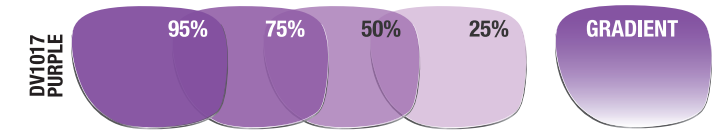
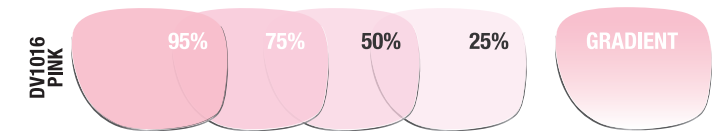
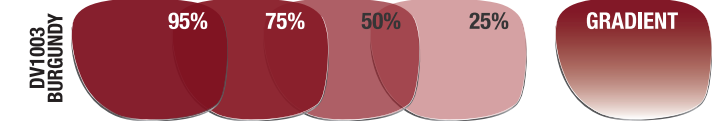
Expert Colour Matching  
available upon request



**VISTAZEN™**  
COLLECTION



COLOUR VARIATIONS MAY OCCUR DUE TO DIFFERENCE IN LENS MATERIALS

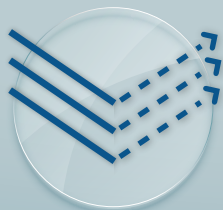




# COATINGS



## 7 PROTECTIVE FEATURES



ANTI REFLECTION



SCRATCH RESISTANT



OIL & SMUDGE REPELLENT



ANTI-STATIC



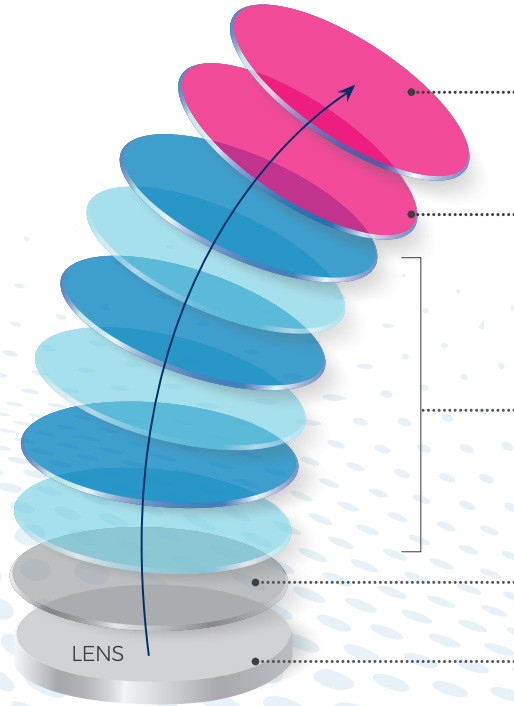
WATER REPELLENT



DURABLE



ENHANCED DAY & NIGHT VISION



(OPTIONAL)  
**SUPER HYDROPHOBIC  
WITH ANTI-STATIC**

**HYDROPHOBIC**

**6 AR MULTI NANO-LAYER  
COATINGS**

**HARD COAT**

**SUBSTRATE (LENS SURFACE)**



**PREMIUM COATING FOR EXCEPTIONAL CLARITY & PROTECTION**



PROCTO  
GUARD  
COATINGS



PROCTO™  
TANZANITE  
BLUE BLOCK

# BLUE BLOCK COATING



# What is BLUE LIGHT?



- Blue light is a type of visible light with wavelengths between 380-500 nm
- It comes from sunlight, digital screens, and LED lights
- It has high energy and short wavelengths compared to other colors of light

## Blue Light Wavelength Breakdown

Overall Range  
**380-500 nm**

**Harmful Blue-Violet Light**  
**400-455 nm**

Linked to eye strain and potential eye cell damage, which can affect our circadian rhythm, suppress melatonin production and disrupt our ability to sleep

**Healthy Blue Turquoise Light**  
**455-495 nm**

- Supports overall well-being by enhancing mood, alertness, and cognitive performance
- Regulates the circadian rhythm, promoting healthy sleep/wake cycles
- Essential for visual performance, aiding color perception and pupil response
- Helps maintain hormonal balance through natural light exposure



Harmful Blue Violet Light bouncing off 400-455 nm



Healthy Blue Turquoise Light still able to penetrate 455-495nm



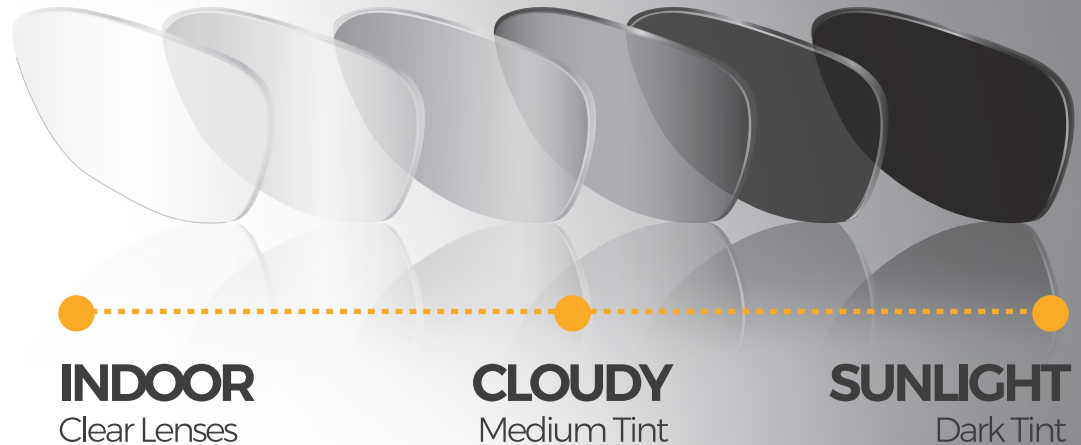
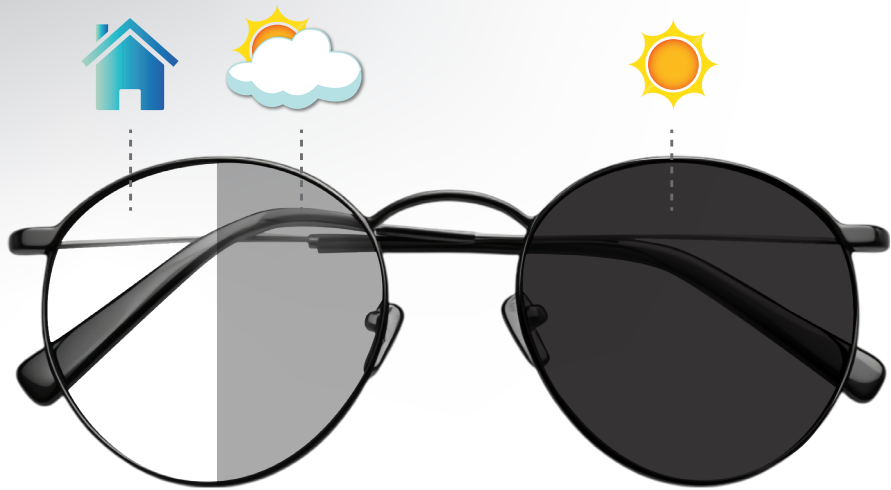
ProctoBLUE Coating is designed to protect your eyes by blocking harmful Blue Violet Light (400 – 455nm) while allowing health supporting Turquoise Light (455 – 495nm) to pass.

 **VISTAZEN**<sup>™</sup>  
COLLECTION

**ECLIPSAR**<sup>™</sup>  
**Sunglare**<sup>™</sup>

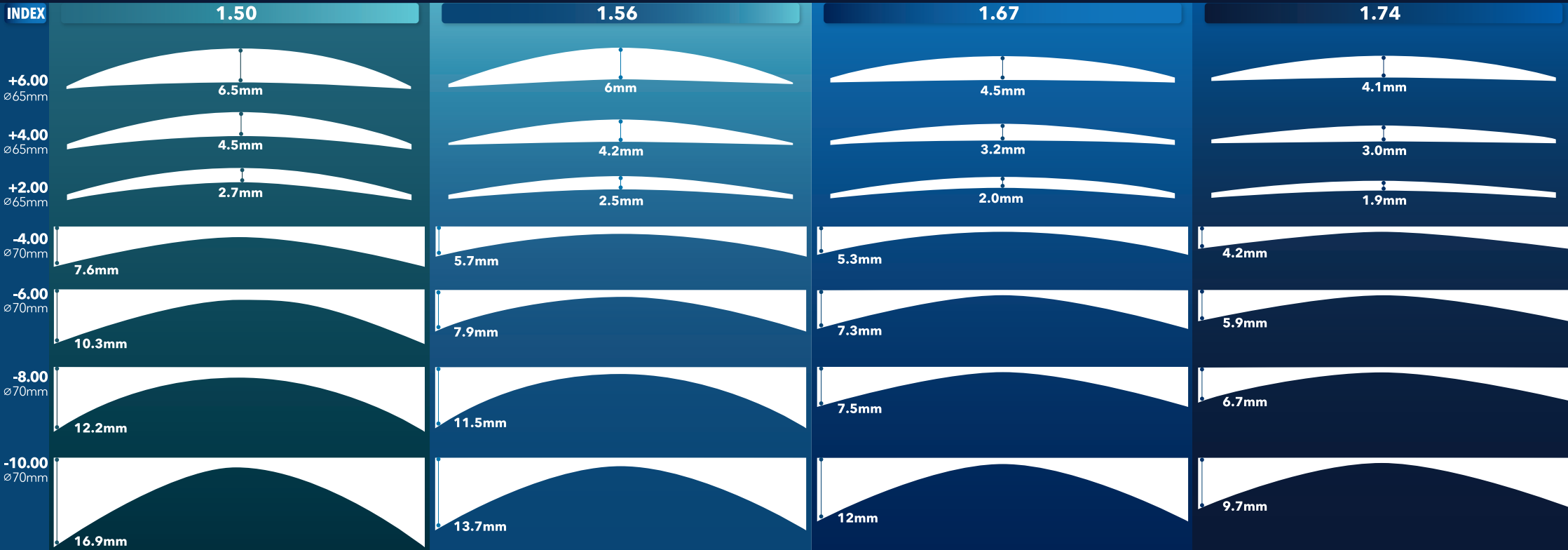
**PHOTOCROMATIC LENS**

# ECLIPSAR™ Sunglare™



Photochromatic lenses utilize light-sensitive molecules that react to UV exposure, **darkening under sunlight** and **reverting to a clear state indoors or at night**, ensuring optimal visual performance in changing environments.

# LENS THICKNESS COMPARISON



# SAOA LENS CODES

## Single Vision

- 81TL001** SINGLE VISION WHITE 1.50 UC STOCK
- 81TL005** SINGLE VISION SUNGLARE 1.56 HC STOCK
- 81TL055** SINGLE VISION SUNGLARE 1.56 BLUE BLOCK WITH BLUE ARC
- 81TL002** SINGLE VISION WHITE 1.56 ARC STOCK
- 81TL025** SINGLE VISION SUNGLARE 1.56 ARC STOCK
- 81TL003** SINGLE VISION WHITE HRI 1.67 ARC ULTRA THIN
- 81TL032** SINGLE VISION WHITE 1.56 BLUE BLOCK WITH BLUE ARC
- 81TL007** SINGLE VISION PLANO POLARISED 1.50 HC (GREY BRN G15 )
- 82TL001** SINGLE VISION WHITE 1.50 SURFACED
- 82TL003** SINGLE VISION WHITE HRI 1.67 SURFACED HC
- 82TL007** SINGLE VISION POLARISED HC SURFACED (GREY BRN G15 )
- 82TL002** SINGLE VISION SUNGLARE 1.56 SURFACED HC
- 82TL011** SINGLE VISION WHITE LENTICULAR 1.50 UC
- 82TL006** SINGLE VISION SUNGLARE SURFACED HRI 1.67 HC
- 82TL013** SINGLE VISION WHITE SURFACED HRI 1.74 HC

## Bifocal

- 84TL021** BIFOCAL WHITE 1.50 UC STOCK
- 84TL011** BIFOCAL WHITE 1.50 UC SURFACED
- 84TL001** BIFOCAL FUSED LENTICULAR 1.50 UC

## Bifocal cont'd

- 84TL004** BIFOCAL SUNGLARE 1.56 HC
- 84TL041** BIFOCAL BLEND 3 FF WHITE 1.50 UC
- 84TL035** BIFOCAL BLEND 3 FF SUNGLARE 1.56 HC
- 84TL003** BIFOCAL BLEND 3 FF WHITE HRI 1.67 HC
- 84TL006** BIFOCAL BLEND 3 FF SUNGLARE HRI 1.67 HC
- 84TL013** BIFOCAL BLEND 3 FF WHITE HRI 1.74 HC

## Desktop Design

- 85TL001** DESKTOP OFFICE WHITE 1.50 UC
- 85TL002** DESKTOP OFFICE SUNGLARE 1.56 HC
- 85TL003** DESKTOP OFFICE WHITE HRI 1.67 HC
- 85TL016** DESKTOP OFFICE SUNGLARE HRI 1.67 HC
- 85TL023** DESKTOP OFFICE WHITE HRI 1.74 HC

## Progressive Designs

- 86TL152** LUMINA WHITE 1.50 UC
- 86TL035** LUMINA SUNGLARE 1.56 HC
- 86TL041** EVOLUTION WHITE 1.50 UC
- 86TL022** EVOLUTION SUNGLARE 1.56 UC

## Progressive Designs cont'd

- 86TL003** EVOLUTION WHITE HRI 1.67 UC
- 86TL006** EVOLUTION SUNGLARE HRI 1.67 HC
- 86TL063** EVOLUTION WHITE HRI 1.74 HC
- 86TL101** PRECISA WHITE 1.50 HC
- 86TL015** PRECISA SUNGLARE 1.56 HC
- 86TL046** PRECISA SUNGLARE HRI 1.67 HC
- 86TL153** PRECISA WHITE HRI 1.67 HC
- 86TL103** PRECISA WHITE HRI 1.74 HC
- 86TL007** EVOLUTION POLARISED 1.50 HC (GREY BRN G15 )
- 86TL017** PRECISA POLARISED 1.50 HC (GREY BRN G15 )





## Coatings & Tints

- 87TL00D** JADE GREEN ARC
- 87TL00F** JADE GREEN SUPER HYDROPHOBIC ARC
- 87TL00N** TANZANITE BLUE CONTROL ARC
- 87TL01F** TANZANITE BLUE SUPER HYDROPHOBIC ARC
- 87TL01A** SOLLIDOR HARD COATING
- 88TL00P** FIX TINT (ASSORTED COLOURS )
- 88TL01P** GRADIENT TINT (ASSORTED COLOURS )



**OTL LENS LAB**  
YOUR RELIABLE OPTICAL LAB

## CONTACT US

 079 381 9567  [www.otllenslab.com](http://www.otllenslab.com)  
 021 532 1682  [fahad@optictradelinks.com](mailto:fahad@optictradelinks.com)

## NATIONWIDE BRANCHES

CAPE TOWN • JOHANNESBURG • DURBAN

 **VISTAZEN**  
COLLECTION

 **TINTECH**

 **PROCTO**  
GUARD

 **ECLIPSAR**  
SunGlare

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