

A close-up portrait of a young woman with long, wavy brown hair, wearing black-rimmed glasses and smiling broadly, showing her teeth. The background is a bright, out-of-focus outdoor scene with warm sunlight filtering through, creating a soft, golden glow around her hair and face.

MVISION
Your Vision, Our Innovation

No. 1 Lens Crafter in Singapore

MVISION OPTICAL

EST 2010

OUR MISSION

Driven by innovation, technology and reliability. MVision, with her international partners deliver only lenses that surpass performance and quality standards of the industry. This is the commitment we breathe.

OUR VISION

Redefining ophthalmic lenses with cutting-edge technology, empowering you to see the future with precision and clarity.

OUR HISTORY

Established in 2010, our Singapore-owned complete ophthalmic laboratory excels in lens manufacturing and distribution. We proudly offer quality Japanese brands Asahi and Tokai, alongside a comprehensive range of in-house ophthalmic lenses.

Utilizing advanced European technology from OptoTech and Indizen Optical Technologies, we ensure exceptional quality and innovation in vision care.

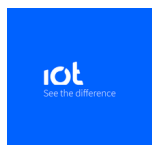


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The development of lenses helping to protect the eyes
a new standard of lenses to
enjoy a long lasting healthy life

LUTINA

LUTINA

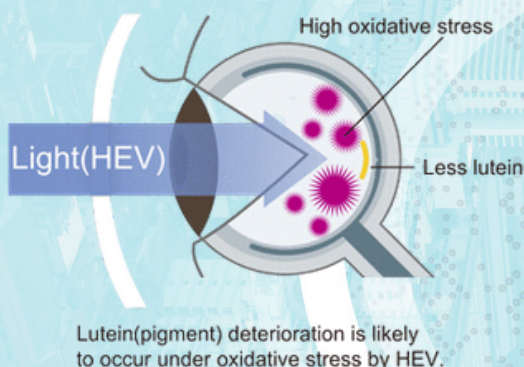
Many ocular diseases are thought to be caused by oxidative stress due to the generation of singlet oxygen. Lutein is one of the three carotenoid pigments that are present in very high concentrations in the retina of the eye or more specifically in the lens and macula.

It has antioxidant properties that suppresses this oxidative stress and also filters blue light, both contributing to the prevention of Age-Related Macular Degeneration. AMD is the most common cause of vision loss for the 50+ age group.

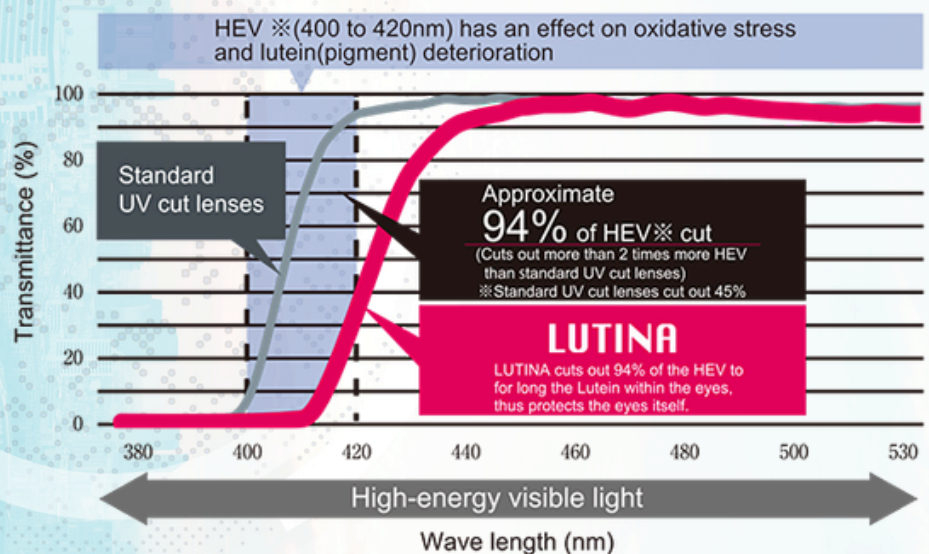
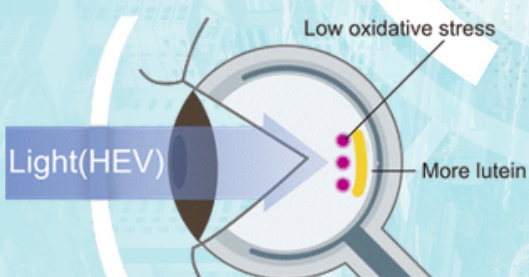
Tokai Lutina lenses have the ability to absorb light between 400 to 420 nm. Cutting light in this wavelength range effectively suppresses generation of active oxygen and deterioration of lutein.

To help preserve the lutein in the eyes, Tokai developed Lutina. This lens cuts out 94% of High Energy Violet Light (400 - 420 nm), and by doing so, helps to preserve ocular health.

〈With an ordinary lens〉



〈With LUTINA〉



※HEV...High Energy Violet light : 400 to 420nm

(HEV here does not represent all of the blue light wave band in the visible spectrum.)

※Refractive index of 1.60 in case of 2.0mm flat plate center thickness

※Images for Reference



世界を美しくする、最新眼鏡レンズ専門メーカー

東海光学株式会社



Standard Clear

NUPOLAR

PROPRIETARY FILM TECHNOLOGY

Creating a great polarizing lens starts with great polarizing film technology, and here NuPolar is unrivaled.

EXCELLENT HEAT STABILITY

NuPolar colors remain stable in the elevated temperatures

HIGH POLARIZING EFFICIENCY

NuPolar never compromises on high polarization efficiency. Some polarized films have such low efficiency that they don't even reduce glare.

EXCELLENT COLOR UNIFORMITY

The human eye is a superb "color matching instrument" and NuPolar lenses are the best product on the market to satisfy these demanding requirements.

SUPERB ADHESION

With NuPolar technology, the film and lens form an integral chemical bond which eliminates the possibility for lens/film delamination.



Younger Optics believes everyone should own a pair of quality polarized sunglasses. Polarized lenses do what no other lens or lens treatment can - block blinding glare. In addition, polarized lenses can enhance visual acuity, color contrast and visual comfort, and block 100% of harmful UVA (315 - 380 nm) and UVB (280 - 315 nm) light.



Nearly every eye care patient can benefit from polarized sunwear. On a sunny day, blinding glare is everywhere. Polarized lenses block blinding glare before it reaches the eye.

NuPolar lenses perform better than competition in many crucial tests of polarizing efficiency, heat stability, film adhesion, color stability etc. NuPolar lenses are available in many colors, styles and materials to fit your patients' lives.

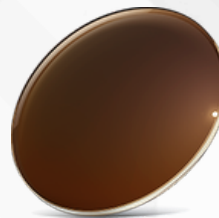
GREY



GREEN



BROWN



Transitions®

Gen S™



GEN SPEED™- RESPONSIVE TO LIGHT

< 2
MIN

- ✓ Fade back in less than 2 minutes^{1*}
- ✓ Up to 2 times faster to fade back^{2*}
- ✓ Only 25 seconds to sunlens dark (category 3)^{3*}
- ✓ The fastest dark lens^{4*}

88%

Wearers agreed that Transitions® GEN S™ lenses adapted so fast to light that they didn't or barely noticed the changes^{5*}.

TRANSITIONS® GEN S



STATIC CLEAR

GEN SMART™- EFFORTLESS VISION EXPERIENCE

UP TO
40%

- ✓ 39% faster vision recovery from intense bright lights^{6(1A)*}
- ✓ 40% Faster vision recovery during fade back^{6(2,B)*}
- ✓ 39.5% Improved contrast sensitivity during fade back^{6(2,B)*}

91%

Wearers agreed their vision felt natural in all light conditions with Transitions® GEN S™ lenses^{5*}.





COMPLETELY BLOCKS
HARMFUL UVA/UVB

95%

HARMFUL RAYS
FILTERED OUT



100% BENEFICIAL LIGHT
PASSES THROUGH



Clear



Thin



Light



Strong

Durably strong and suitable for everyday lifestyles, both indoors and on the go!

TOG

1.60 Fortis

An innovation in impact resistant lenses

25%
CLEARER
THAN POLYCARBONATE

14X
STRONGER
THAN 1.60 MR8 LENSES

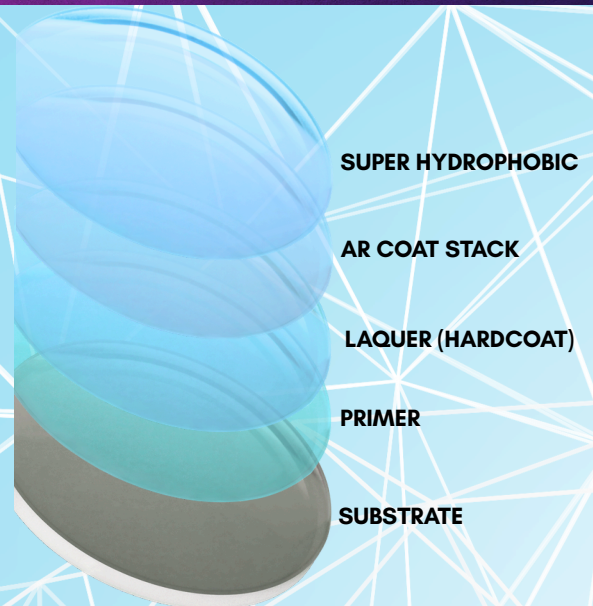
PASSES
DROP BALL TEST

Physical Properties

	1.59 Polycarbonate	1.60 MR8	1.60 Fortis Bluloc
Refractive Index	1.59	1.60	1.60
Abbe Value	29	41	41
Density (g/cm³)	1.21	1.31	1.30
Drop Ball Test Results	225g Pass	16g Crack	225g Pass
UV Protection (nm)	380	400	420
Tintability	No	Yes	Yes

Coating Stack

The coating process begins with a primer applied to ensure adhesion. Next, a hard coat provides scratch resistance and durability. An anti-reflective (AR) coat is then added to reduce glare and increase clarity. Finally, a super hydrophobic layer is applied to repel water and dirt, enhancing the surface's longevity and performance in various environmental conditions. All RX lenses from MVision comes with the layers shown as standard.



Computer screens and other digital devices emits significant amount of short wavelength blue light. These blue light scatters more than visible light and it is not easily focused. This results in reduced contrast and contribute to digital eye strain. Nano Blue premium lens coating is developed for people who spend significant amount of time in front of LED display screens, computers, smart phones and tablets. Nano Blue coating reduce digital eye strain, minimise glare and enhance contrast.

New and improved low reflection coating enhance vision by reducing glare, improving clarity, and increasing comfort, especially in low light or during screen use. They also improve aesthetics by making lenses appear invisible, allowing better eye contact and a better appearance in photos. Produced with more layers as compared to its predecessor for durability.



Mirror-coated lenses offer both functional and aesthetic benefits. They reduce glare, enhancing visual comfort in bright conditions, while adding a stylish touch to any look. Whether you choose gold, silver, blue, or green, these lenses allow you to express your personal style while enjoying improved vision clarity, making them a perfect blend of fashion and functionality.

SINGLE VISION STOCK LENSES

CLEAR SERIES

1.50 Uncoat

1.56 HMC

1.61 HMC

1.67 HMC

1.67 HMC (High Minus 0.50D Steps)

1.67 HMC (High Cylinder)

1.74 HMC

1.74 HMC (High Minus 0.50D Steps)

1.74 HMC (High Cylinder)

ASAHI UV420

1.56 ASAHI UV420 HMC

1.60 ASAHI UV420 ASP HMC

1.67 ASAHI UV420 ASP HMC

1.74 ASAHI UV420 ASP HMC

1.60 ASAHI UV420 ASP PGY HMC

1.67 ASAHI UV420 ASP PGY HMC

TINTING +\$60-\$120

SINGLE VISION STOCK LENSES

TOKAI

1.60 UV TBC (Blue-Cut)

1.60 AS UV SPS

1.70 AS UV SPS

1.76 AS UV SPS

1.60 LUTINA AS PGC

1.67 LUTINA AS PGC

YOUNGER POLARISED

1.50 POLARISED GRY3/BR3/G15

PHOTOGREY

1.56 SUN-X SPEED GREY HMC

TRANSITIONS

1.50 GEN S GREY HMC

1.56 AS GEN S GREY HMC

1.60 GEN S GREY HMC

1.67 GEN S GREY HMC

SINGLE VISION

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

1.74 UV400 LENTI EDGE

MAX FRAME SIZE 50MM (APERTURE 40MM TO 50MM)

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN 8 GRY/BRN

1.74 TRANSITIONS GEN 8 GRY/BRN LENTI EDGE

MAX FRAME SIZE 50MM(APERTURE 40MM TO 50MM)



IDEAL FOR

Beginners or non-adapts who are looking for a premium antifatigue lens to avoid eyestrain or tired eyes providing a comfortable view for daily use, especially when using electronic devices

BENEFITS

- Improved focus & reduced eyestrain
- Greater comfort
- Easy adaptation between zones

MPIO AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 GEN S GRY/BRN

1.60 GEN S GRY/BRN

1.67 GEN S GRY/BRN

1.74 GEN 8 GRY/BRN

ADDITION: +0.50 , +0.62 , +0.75 , +0.87 , +1.00



DESIGN DESCRIPTION

Maxisov is the perfect visual supplement for all kinds of work in the office world. Office Active is characterized by enhanced fields of vision in the near and intermediate zones, resulting in a lens that offers great comfort for reading, computer work or indoor meetings with colleagues and customers. The soft layout enables smooth power transition for an easier adapting vision between zones (focal distances).

MAXISOV AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 GEN S GRY/BRN

1.60 GEN S GRY/BRN

1.67 GEN S GRY/BRN

1.74 GEN 8 GRY/BRN

DEGRESSIVE DISTANCE : 0.8m, 1.3m, 2.0m and 4.0m

DISTANCE

4.0 ★★★★★

NEAR

4.0 ★★★★★

COMFORT

4.0 ★★★★★

DESIGN DESCRIPTION

All visual fields are weighted equally in this design, providing a harmonic transition to the astigmatism areas in the near and the far areas. The calculation technology guarantees the balance of the visual areas and minimizes the distortion of the design.

IDEAL FOR

All kind of office work that requires a balanced progressive lens

APPLICATION

Optimized and comfortable balanced view

WEARER'S BENEFITS

- Balanced in all fields of view
- Greater comfort
- Fully customized lens
- Easy adaptation between zones

SCENIC AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 GEN S GRY/BRN

1.60 GEN S GRY/BRN

1.67 GEN S GRY/BRN

1.74 GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP

DISTANCE

4.5 ★★★★★

NEAR

4.0 ★★★★★

COMFORT

4.5 ★★★★★

DESIGN DESCRIPTION

Our premium lens designs offer an advanced visual field in all areas of sight with enhanced individual parameters. A selection of possible corridor lengths combined with customizable insets leads to an even more personalized lens and thus higher comfort for the wearer. Miovie provides an outstanding far view with clearly defined visual areas, reducing unwanted astigmatism to a minimal. The wearer benefits from an overall improved image quality as well as unmatched visual performance.

IDEAL FOR

Experienced wearers looking for an outstanding lens with larger distance visual field

APPLICATION

Outdoor activities such as hiking, sightseeing and enjoying landscapes or any other activities requiring clear and comfortable far vision

WEARER'S BENEFITS

- Improved far distance focus
- Reduced eyestrain
- Greater comfort
- Fully customized lens
- Easy adaptation between zones

MIOVIEW AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP

DISTANCE

4.5 ★★★★★

NEAR

4.5 ★★★★★

COMFORT

4.5 ★★★★★



DESIGN DESCRIPTION

Supreme is a soft design with improved transitions between near and far zones. Its wide visual zones and stable image quality makes supreme a perfect solution for day to day activities. The ideal lens layout results in clear and comfortable vision with easy adaptation.

IDEAL FOR

New wearers who are looking for an all-purpose lens of high-quality

APPLICATION

Clear and comfortable view for every day

WEARER'S BENEFITS

- Well balanced in all zones
- Reduced eyestrain
- Greater comfort
- Fully customized lens
- Easy adaptation between zones

SUPREME AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP



DISTANCE

5.0 ★★★★★

NEAR

4.5 ★★★★★

COMFORT

4.5 ★★★★★

DESIGN DESCRIPTION

Varios was designed to meet the high demanding visual needs of an active lifestyle. Unwanted astigmatism is reduced up to 40%, giving the wearer wide excellent vision and the utmost comfort for day-to-day activities. The calculation technology achieves outstanding visual performance combined with smooth power transition between distances and easy adaptation

IDEAL FOR

Wearers looking for a premium quality and enhanced vision at minimal distortion for everyday

APPLICATION

Enhanced clear and comfortable vision for day to day and for using electronic devices

WEARER'S BENEFITS

- Superior focus & reduced eyestrain
- Excellent balanced view
- Highest comfort
- Fully customized lens
- Easy adaptation between zones



VARIOS AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP

DISTANCE

5.0



NEAR

5.0



COMFORT

4.5



DESIGN DESCRIPTION

Masterpiece is part of our High-End Lens Design family. It reduces distortions to an incredibly low level and creates the ideal lens layout from the wearer's individual parameters.

The result: A premium lens with exceptional distance vision performance with low levels of blur, practically immediate adaptation as well as high-definition and stable image quality.

IDEAL FOR

Experienced wearers looking for a premium lens with exceptional distance vision and unparalleled image stability

APPLICATION

Suitable for any distance visual activities such as watching movies, walking/jogging, travelling and enjoying landscapes

WEARER'S BENEFITS

- Superior focus & reduced eyestrain
- Excellent far distance view
- Highest comfort
- Fully customized lens
- Easy adaptation between zones

MASTERPIECE AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP



DESIGN DESCRIPTION

The Colossus is MVision's flagship progressive lens, engineered for those who demand the best. Its ultra-smooth power transitions deliver remarkably natural vision across all zones, while industry-leading low distortion ensures crisp, stable imagery from edge to edge.

IDEAL FOR

All wearers looking for a premium lens with exceptional vision and unparalleled image stability.

APPLICATION

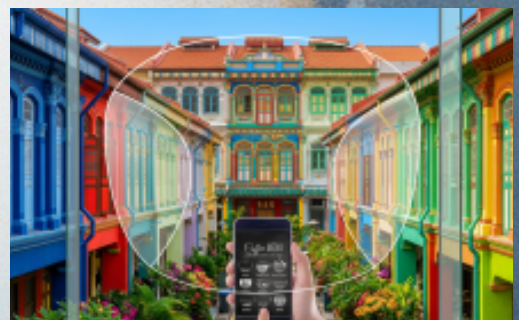
With 3 designs to choose from you can be sure to have an ultra premium lens to suit all lifestyles.

WEARER'S BENEFITS

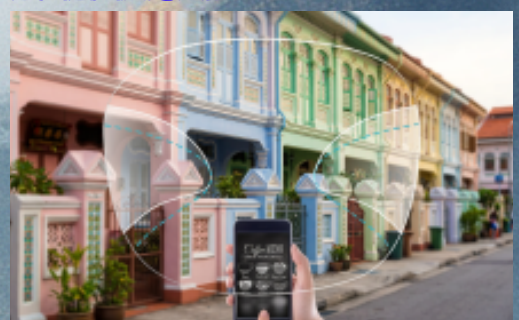
- Superior focus & reduced eyestrain
- 3 designs to choose from to best suit your needs
- Fully customized lens
- Easy adaptation between zones



DISTANCE



BALANCED



NEAR

COLOSSUS AVAILABLE MATERIALS

1.5

1.56 UV400

1.60 UV400

1.67 UV400

1.74 UV400

1.74 UV400 TINTABLE

IMPACT RESISTANCE

1.60 FORTIS BLULOC UV420 TINTABLE

TOKAI LUTINA

1.60 LUTINA UV420

1.67 LUTINA UV420

YOUNGER POLARISED

1.50 POLARISED GRY3/BRN3/G15

1.60 POLARISED GRY3/BRN3/G15

1.67 POLARISED GRY3/BRN3/G15

PHOTOGREY

1.56 ASAHI PHOTOGREY UV400

TRANSITIONS

1.50 TRANSITIONS GEN S GRY/BRN

1.60 TRANSITIONS GEN S GRY/BRN

1.67 TRANSITIONS GEN S GRY/BRN

1.74 TRANSITIONS GEN S GRY/BRN

ADDITION : +0.75 TO +4.00 IN +0.25 STEP



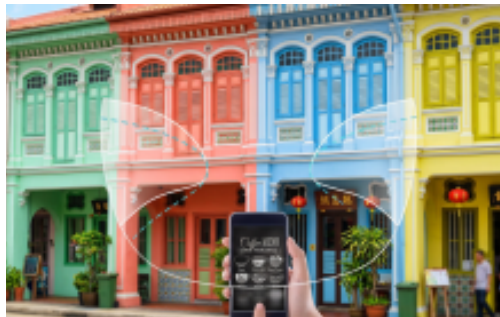
MVISION



DISTANCE



BALANCED



NEAR

