A photograph of a sailboat on the ocean, viewed from the deck. The boat is white with a blue stripe along the hull. The mast and rigging are visible on the left. A large, cylindrical object, possibly a telescope or a lens, is lying on the deck, wrapped in a grey protective cover. The background is a deep blue sea under a clear sky. A semi-transparent blue geometric overlay with various shades and patterns is positioned on the right side of the image, partially covering the text.

Younger Optics ^{USA} The Optical Lens Innovator

Retail Price List 2015-2016

Infinity

POWER TO SEE

Anyone into luxury visual comfort is sure to be impressed by the Infinity from Younger Optics. This exclusive Infinity design combines pure functionality with extraordinary design that suits all today's demanding customers.

High Definition Digital surfacing now enables the manufacturing of lenses with tremendous accuracy, ensuring lenses are produced exactly as intended by the designer.

All Infinity mono or progressive lenses are available with our unique MaxiiClarity Coating or MaxiiBlu Coating.

Each with a guaranteed level of quality and performance.

Parameters

Vertex Distance	✓
Pantoscopic Angle	✓
Wrapping Angle	✓
Pupil Distance	✓
Segment Height	✓
Variable inset position	✓

MONO

MONO SPORT

MONO SMART
Glasses

D-Lux Comfy

Infinity
Lifestyle

READER
1.3M, 2M, 4M,

ROOM
6M

Infinity
The Insiders

DRIVE

SPORT

Infinity
The Specialist

BEGINNERS
IT125

NEAR PRECISION
IT325

BALANCED FOR
ALL IT525

SUPERIOR FAR
VISION IT625

ULTRA SHORT
IT725

Infinity
All Purpose

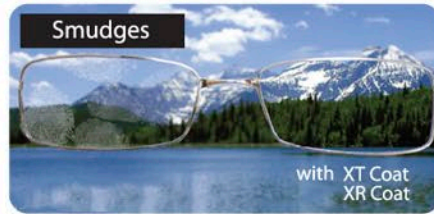
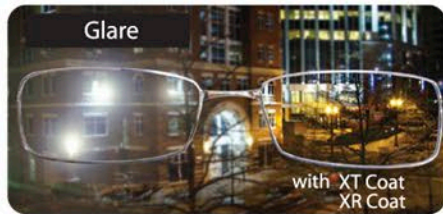
Premium Anti-Reflective Coating

UltraSafe UltraClear

MaxiiClarity

XT Coat – A whole new level of scratch-resistant to help combat any potential lens damage caused by daily wear and tear, exposure to intense conditions and strain of continuous cleaning.

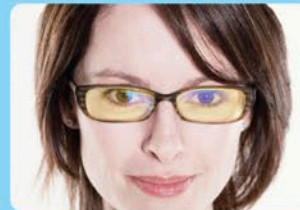
XR Coat – Extraordinary clarity with long lasting performance and easy to clean



MaxiiBlu

An innovative lens coating for the demands of a new age, since the widespread use of computers, iPads and smartphones are causing more people to suffer from eyestrain after long periods of exposure to digital screens, which emit blue light form the displays.

With the development of the MaxiiBlu lens coating that diminishes the effects of the blue light, we highly recommend people who spend time excessively in front of technological devices to consider a pair of MaxiiBlu lenses that can decrease the level of high energy blue light.



MXD-Blu

Blue light filtering ★★★★★
Low reflection ★★★☆☆



MB-Blu

Blue light filtering ★★★★★
Low reflection ★★★☆☆



MXR-Blu

Blue light filtering ★★★★★
Low reflection ★★★★★

Mono

Advantages

- ▶ Total personalization
- ▶ Maximum optical quality for any prescription
- ▶ Compatible with any material
- ▶ Thinner and lighter lenses
- ▶ High precision and high personalization
- ▶ Clear vision in every gaze direction
- ▶ Oblique astigmatism reduced
- ▶ Possibility to input the frame shape for accurate optimization
- ▶ Frame shape optimization available

Mono Sport

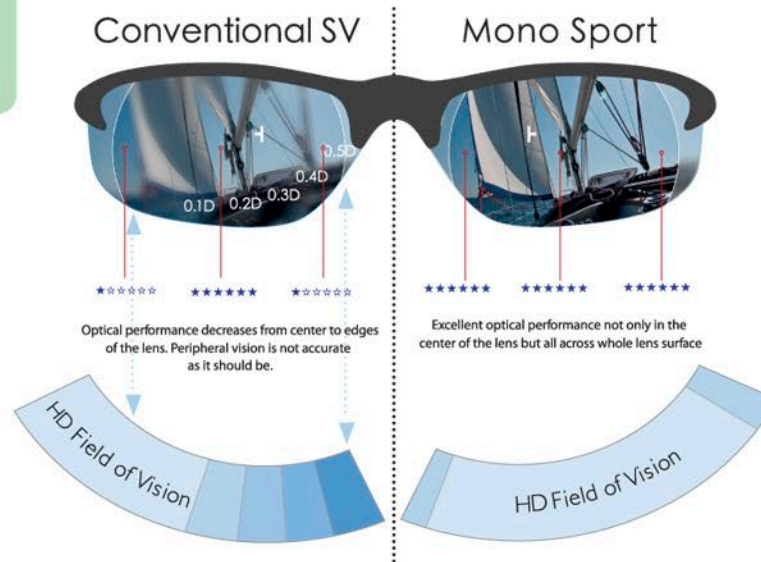
Advantages

- ▶ High Visual Definition in all gaze directions
- ▶ Pre-configured parameters
- ▶ Compatible with any base curve and material
- ▶ High precision and high personalization due to Digital HD technology
- ▶ Frame shape optimization available

Mono Smart Glass

Advantages

- ▶ Reduces eye strain and eye fatigue so that smart glasses can be comfortably worn for longer periods of time.
- ▶ Digitally surfaced so that the quality and accuracy of the prescription is uniquely customized to each person.
- ▶ Allows for the widest prescription range available for smart glasses in SV, Bi-focal and Progressive designs.



D-lux Comfy

Advantages

- ▶ Reduce visual fatigue
- ▶ Infinity offers this design in two different additions, 0,5D & 0,75D
- ▶ High quality features in the near zone
- ▶ High precision and high personalization due to Digital HD technology
- ▶ Clear vision in every gaze direction
- ▶ Oblique astigmatism reduced
- ▶ Variable Inset: Automatic and manual
- ▶ Frame shape optimization available

G GRAY 灰色 B BROWN 茶色 GREEN 綠色 Y YELLOW 黃色

● MONO (日用專項) ● HKD / Pair

折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
1.5	\$1,480	G B \$2,880	G \$3,080	G B G \$2,380	Y \$4,580
1.61	\$2,180	G B \$4,380	G \$4,580	G B \$3,980	N/A
1.67	\$3,280	G B \$5,380	G \$5,580	G B \$4,980	N/A
1.74	\$4,880	G B \$8,480	N/A	N/A	N/A

● MONO SPORT (運動專項) ● HKD / Pair

折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
1.5	\$3,280	G B \$4,680	G \$4,880	G B G \$4,180	Y \$6,380
1.61	\$3,980	G B \$6,180	G \$6,380	G B \$5,780	N/A
1.67	\$5,080	G B \$7,180	G \$7,380	G B \$6,780	N/A
1.74	\$6,680	G B \$10,280	N/A	N/A	N/A

#面彎製作範圍: +6.00 ~ +8.00

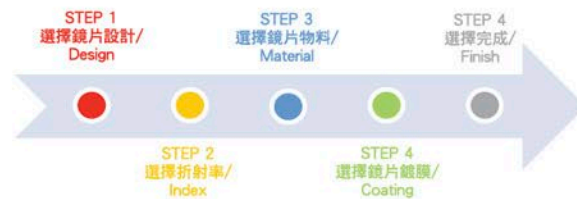
● MONO SMART GLASS (智能眼鏡專項) ● HKD / Pair

折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
1.5	\$1,780	G B \$3,180	G \$3,380	G B G \$2,680	Y \$4,880
1.61	\$2,480	G B \$4,680	G \$4,880	G B \$4,280	N/A
1.67	\$3,580	G B \$5,680	G \$5,880	G B \$5,280	N/A
1.74	\$5,180	G B \$8,780	N/A	N/A	N/A

● D-LUX COMFY (防疲勞專項) ● HKD / Pair

折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
1.5	\$2,080	G B \$3,480	G \$3,680	N/A	N/A
1.61	\$2,880	G B \$4,980	G \$5,180	N/A	N/A
1.67	\$3,980	G B \$5,980	G \$6,280	N/A	N/A
1.74	\$7,980	G B \$8,980	N/A	N/A	N/A

*下光加入度選擇: +0.50 D/+0.75 D, 最少驗配瞳高:18mm



價格已包含下列鍍膜

MaxiiClarity 優質不反光鍍膜系列	XT Coat 強化防花	XR Coat 高清透徹	
MaxiiBlu 卓越防藍光鍍膜系列	MB - Blu 抗藍光	MXD - Blu 特強抗藍光	MXR - Blu 高清抗藍光

其他附加收費及事項

太陽濾光色附加每對: \$400/付

水銀面鍍膜連底不反光膜附加費: \$1300/付

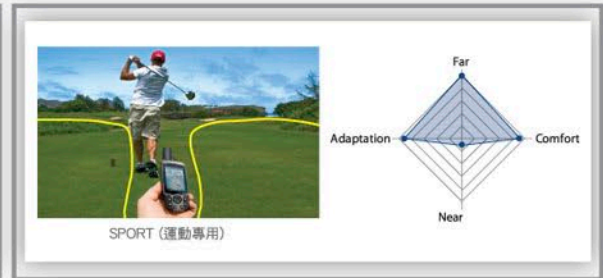
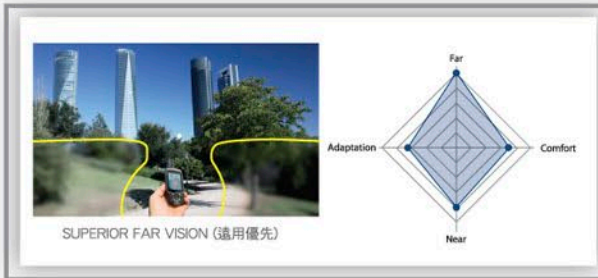
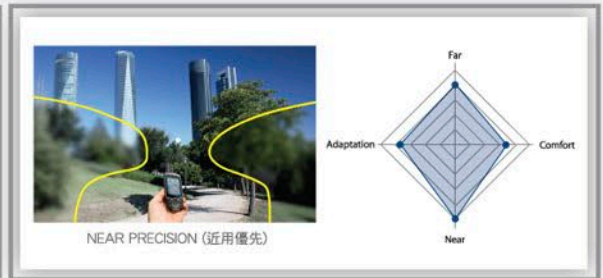
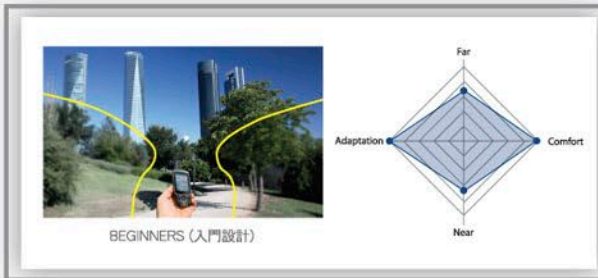
* MXD-Blu 及 MXR-Blu 只適用於透明鏡片

All purpose

● Lens Designs Recommendation ●

設計/Design	型號/Model	Model Code	Target Customer	特性/Features			最少驗配瞳高 min FH (mm)
				遠/Far	近/Near	舒適度/Comfort	
All Purpose (全方位漸進)	● BEGINNERS (入門設計)	IT125	Novice wearers	★★★★☆	★★★★☆	★★★★★	16~20(1mm/step)
	● BALANCED FOR ALL (平衡設計)	IT525	Demanding Customers	★★★★☆	★★★★☆	★★★★☆	14~20(1mm/step)
	● SUPERIOR FAR VISION (遠用優先)	IT625	Outdoors wearers	★★★★★	★★★★☆	★★★★☆	14~20(1mm/step)
	● NEAR PRECISION (近用優先)	IT325	Wearers with intense use of near vision	★★★★☆	★★★★★	★★★★☆	14,16,18,20
	● ULTRA SHORT (迷你設計)	IT725	Small frames wearers	★★★★☆	★★★★☆	★★★★☆	10~14(1mm/step)

The Specialist (戶外專業系列)	● DRIVE (駕駛專用)	Drive	Drivers	★★★★★	★★☆☆☆	★★★★☆	18
	● SPORT (運動專用)/(BC+6.00~+8.00)	Sport	Sport wearers	★★★★★	★★☆☆☆	★★★★☆	16,18



G GRAY 灰色 B BROWN 茶色 G GREEN 綠色 Y YELLOW 黃色

High Definition Digital multipurpose progressive lenses 數碼高清多用途漸進鏡

OMNI

HKD / Pair

	折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
All Purpose (全方位漸進系列)	1.5	\$4,180	G B \$5,380	G \$5,780	G B G \$4,180	Y \$6,800
	1.61	\$4,980	G B \$5,980	G \$6,380	G B \$5,980	N/A
The Specialist (戶外專業系列)	1.67	\$6,980	G B \$8,180	G \$8,580	G B \$6,280	N/A
	1.74	\$8,500	G B \$11,880	N/A	N/A	N/A

OMNI Parameters

Pupil Distance	✓
Segment Height	✓
Vertex Distance	✗
Pantoscopic Angle	✗
Wrapping Angle	✗

G GRAY 灰色 B BROWN 茶色 G GREEN 綠色 Y YELLOW 黃色

Personalized High Definition Digital multipurpose progressive lenses 全方位個人化數碼高清多用途漸進鏡

OMNI DXI

HKD / Pair

	折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™	XTRActive™ 全視線® 超感光™	Nupolar®	Drivewear®
All Purpose (全方位漸進系列)	1.5	\$4,950	G B \$6,280	G \$6,680	G B G \$4,980	Y \$7,600
	1.61	\$5,880	G B \$6,880	G \$7,280	G B \$6,780	N/A
The Specialist (戶外專業系列)	1.67	\$7,880	G B \$9,080	G \$9,480	G B \$7,080	N/A
	1.74	\$9,480	G B \$12,860	N/A	N/A	N/A

OMNI DXI Parameters

Pupil Distance	✓
Segment Height	✓
Vertex Distance	✓
Pantoscopic Angle	✓
Wrapping Angle	✓
Near Working Distance	✓



價格已包含下列鏡膜

MaxiiClarity 優質不反光鍍膜系列	XT Coat 強化防花	XR Coat 高清透徹	
MaxiiBlu 卓越防藍光鍍膜系列	MB - Blu 抗藍光	MXD - Blu 特強抗藍光	MXR - Blu 高清抗藍光

其他附加收費及事項

太陽濾光色附加每對：\$400/付

水銀面鍍膜連底不反光膜附加費：\$1300/付

* MXD-Blu 及 MXR-Blu 只適用於透明鏡片



Premium digital lens with high optical performance and expanded Rx range



Significantly improved reading zone



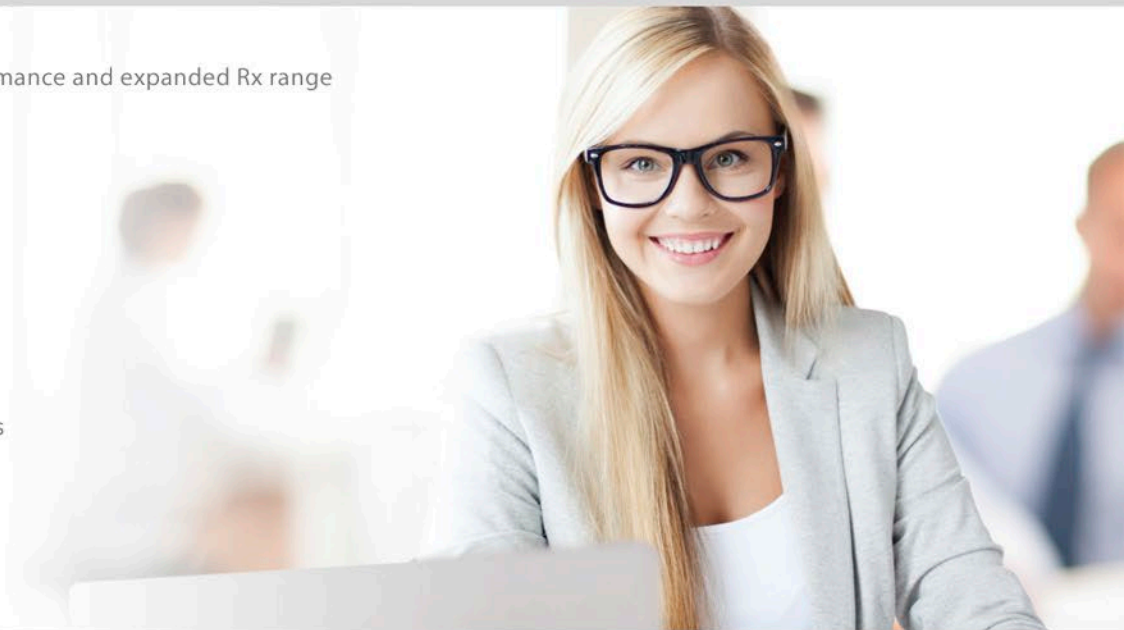
Extended peripheral vision



Better cosmetics (thinner) on some prescriptions



Advanced digital back surface



LAB BRAND™ DIGITAL LENSES WITH CAMBER™ TECHNOLOGY:

State-of-the-art digital lens design combined with sophisticated new lens blank technology

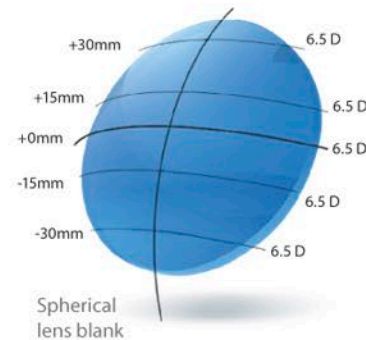
Ultimate Freestyle digital lenses are now available with Camber Technology, representing a breakthrough in combining digital processing with an innovative new lens blank design. The specially designed Camber lens blank features a increasing base curve that provides the optically correct curvature in each zone of the lens. This allows expanded reading

zones with improved peripheral vision. The advanced, digitally designed back surface can be comprehensively customized to each patient through a complete set of individualization parameters. Complex curves on both surfaces of the lens work together to provide excellent vision correction and a progressive lens experience like no other.

Compare Front Surfaces

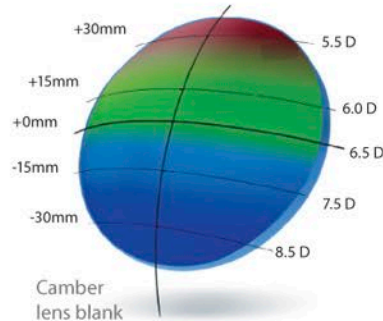
Most digital progressive lenses are processed from a single vision lens blank, which has just one base curve from top to bottom.

In this case, the base curve in the reading area is not ideal, and oblique astigmatism results.



Spherical lens blank

The Camber lens blank has a patented, continuously increasing base curve, ideal for the increasing power profile of digital progressive lenses.

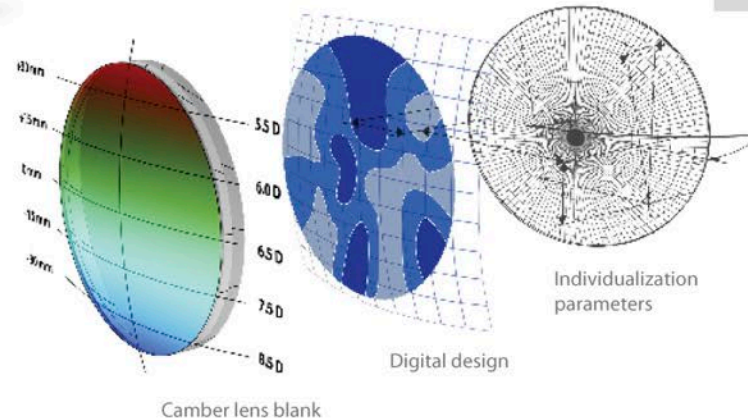


Camber lens blank

A Combination of Complex Curves

When the unique front surface is combined with a sophisticated back-side digital design, both surfaces work together to become the Camber finished lens.

The design may be further enhanced by a complete set of individualization parameters to comprehensively customize the lens for each individual patient.



Camber lens blank

Digital design

Individualization parameters

The combination of the Camber variable base curve front surface and the enhanced digital back surface design creates the Camber finished lens, an advanced digital progressive that provides remarkable visual acuity in every viewing zone.

WEARER COMPARISON STUDY

THE CAMBER RESULTS

In a double-blind study, test wearers compared conventional single vision blanks with Camber blanks, each processed with exactly the same digital progressive design.

STUDY PROCEDURE:

- Test wearers wore each pair of glasses for the duration of one week, but were not aware of which lenses they were wearing for the entirety of the study.
- Both pairs of lenses were of identical material and base curve, and mounted in the same frame.
- Wearers were surveyed about their experience with the lenses after testing them both.



TEST LENS A

(PROCESSED FROM SINGLE VISION LENS BLANKS)



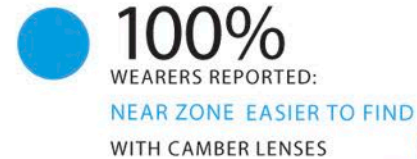
TEST LENS B

(PROCESSED FROM CAMBER LENS BLANKS)

"DOUBLE-BLIND" RESEARCH

To prevent bias, neither the wearers nor study administrators are aware of which lenses are being tried during either week.

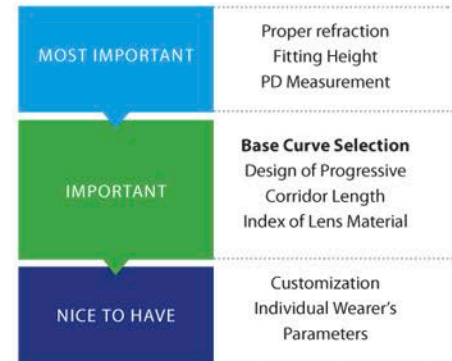
RESULTS OF WEARER STUDY



HIERARCHY OF IMPORTANCE

FOR MAKING A SUCCESSFUL PROGRESSIVE RX

There is a lot of confusion in our industry about which parameters are the most important towards supplying a successfully dispensed RX progressive. Not surprisingly, those items directly controlled by the ECP are still the most important! Base curve and lens index material play a role more important than factors such as customization and individualization.





尖端科技 開拓 廣闊視野

ADVANCED CURVE TECHNOLOGY

FOR PROGRESSIVE RX WEARERS



HOW CAMBER LENSES BENEFIT OPTICIANS AND LABS

SUPERIOR OPTICS

Wide open fields of vision

PREMIUM TECHNOLOGY

Feel confident that the product you are dispensing is as technologically advanced as any lens on the market

EASIER FRAME SELECTION

Higher base curve prescriptions have fewer frame limitations

BETTER LOOKING

More cosmetically appealing front curve for many high plus and high add prescriptions



HOW CAMBER LENSES BENEFIT PATIENTS

BETTER VISION

In all zones, compared to SV Blank

LATEST TECHNOLOGY

Camber's two-surface design is unique and patented

FULLY CUSTOMIZABLE

Every variable that affects vision can be individualized to patient

IMPROVED READING AREA

More spacious, easier to find with the eye

EASIER ADAPTATION

Study shows quicker adaptation for most wearers

WEARERS PREFER CAMBER

Study shows more wearers preferred lenses made from Camber blanks to lenses made from single vision blanks

Lens Designs Recommendation

設計/Design	型號/Model	Model Code	Target Customer	最少驗配瞳高 min FH (mm)
All Purpose (全方位漸進)	● BEGINNERS (入門設計)	IT125	Novice wearers	16~20(1mm/step)
	● BALANCED FOR ALL (平衡設計)	IT525	Demanding Customers	14~20(1mm/step)
	● SUPERIOR FAR VISION (遠用優先)	IT625	Outdoors wearers	14~20(1mm/step)
	● NEAR PRECISION (近用優先)	IT325	Wearers with intense use of near vision	14,16,18,20
	● ULTRA SHORT (迷你設計)	IT725	Small frames wearers	10~14(1mm/step)

Camber Parameters

Pupil Distance	✓
Segment Height	✓
Vertex Distance	✓
Pantoscopic Angle	✓
Wrapping Angle	✓
Near Working Distance	✓

G GRAY 灰色 B BROWN 茶色

INFINITY Ultimate FreeStyle By Camber			HKD / Pair
折光率 Index	Clear 透明纖維片	Transition®Signature™ 全視線®視無限™	
All Purpose (全方位漸進系列)	1.5	G B \$14,580	
	1.61	G B \$16,280	
	1.67	G B \$18,180	

價格已包含下列鏡膜

MaxiiClarity 優質不反光 鍍膜系列	XT Coat 強化防花	XR Coat 高清透微	
MaxiiBlu 卓越防藍光 鍍膜系列	MB - Blu 抗藍光	MXD - Blu 特強抗藍光	MXR - Blu 高抗藍光

其他附加收費及事項

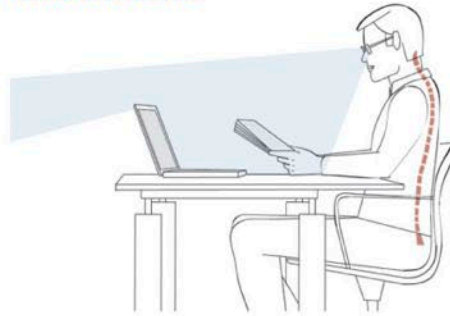
太陽濾光色附加每對: \$400/付

水銀面鍍膜連底不反光膜附加費: \$1300/付

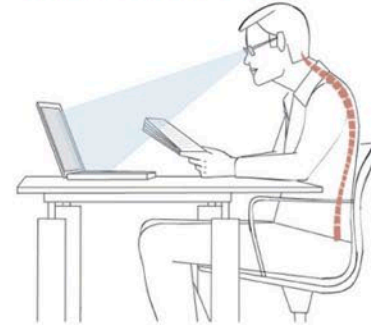
* MXD-Blu 及 MXR-Blu 只適用於透明鏡片

Infinity-The Insiders

INSIDERS LENS



SINGLE VISION LENS



Summary of vision performance of different progressive lenses

Lens	Types	Performance
■	Reader 1.3 m	Up to 1.3 meters (4 ft) of clear vision
■	Reader 2 m	Up to 2 meters (6.5 ft) of clear vision
■	Reader 4 m	Up to 4 meters (13 ft) of clear vision
■	Room	Up to 6 meters (20 ft) of clear vision
■	Progressive	Variable performance



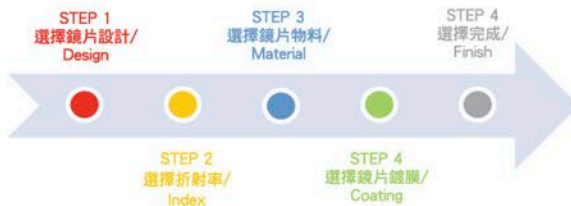
設計/Design	型號/Model	最遠可視距離 Far Point (meters)	Target Customers	特性/Features			最少驗配瞳高
				遠/Far	近/Near	舒適度/Comfort	Min FH (mm)
Reader	Reader 1.3m	1.3	Near work and computer users	★☆☆☆☆	★★★★★	★★★★★	14,18
	Reader 2m	2		★☆☆☆☆	★★★★★	★★★★★	14,18
	Reader 4m	4	Computer users who need occasional distant vision	★☆☆☆☆	★★★★★	★★★★☆	14,18
Room	Room	6		★☆☆☆☆	★★★★☆	★★★★☆	18

THE INSIDERS 室內用漸進

OMNI 數碼高清版			
DESIGN/設計	折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™
READER 桌上型	1.5	\$2,980	GB \$3,680
	1.61	\$3,480	GB \$4,280
ROOM 室內型	1.67	\$4,880	GB \$5,280
	1.74	\$5,780	GB \$9,900

THE INSIDERS 室內用漸進

OMNI DXI 全方位個人數碼高清版			
DESIGN/設計	折射率 Index	Clear 透明纖維片	Transition® Signature™ 全視線® 視無限™
READER 桌上型	1.5	\$3,480	GB \$4,380
	1.61	\$4,280	GB \$5,380
ROOM 室內型	1.67	\$5,580	GB \$6,380
	1.74	\$6,180	GB \$10,400



價格已包含下列鏡膜

MaxiClarity 優質不反光 鍍膜系列	XT Coat 強化防花	XR Coat 高清透視	
MaxiBlu 卓越防藍光 鍍膜系列	MB - Blu 抗藍光	MXD - Blu 特強抗藍光	MXR - Blu 高清抗藍光

其他附加收費及事項

太陽濾光色附加每對：\$400 / 付

水銀面鍍膜連底不反光膜附加費：\$1300 / 付

* MXD-Blu 及 MXR-Blu 只適用於透明鏡片

A Tradition of Lens Innovation

It all began more than 50 years ago with one man's vision to create a bifocal that wouldn't give away the wearer's age with its telltale lines. This desire led Irving Rips to develop the world's first "seamless bifocal", which was launched in 1955. Younger Optics - so named because the new lenses would make their wearer look younger - was born. Today, Younger is the world leader in Rx polarized sunwear with NuPolar® brand lenses, and continues to be an innovative force in the optical world.

Since winning the first OLA Award of Excellence ever given (1987) for its specialty lenses, Younger has won a total of 24 OLA Awards, including two at the most recent OLA in 2011. From a company started in a garage to a world-class organization, Younger Optics was a true realization of the American Dream for founder Irving Rips, who was honored with a Lifetime Achievement Award in 1992.

In addition to being the world leader in prescription polarized lens sales, Younger Optics is also a leader in specialty products as well as Transitions. Younger has become an international company with Sales and Distribution offices in Europe (Prague) and Australia, and new representation in Central and South America and in Canada.


OLA AWARDS

Every year, the Optical Laboratories Association (OLA) presents the highly respected OLA Award of Excellence to recognize high standards on achievement in the optical field. Younger Optics has won 24 OLA Awards of Excellence, including the first award ever presented in 1987. Younger, the world's largest privately owned optical lens company, is committed to making products which make your company successful.

- 1987**
SPECIALTY LENSES - Best New Development Of Lenses
- 1992**
LIFETIME ACHIEVEMENT - Irving Rips, Founder of Younger Optics
- 1996**
BEST IN LENSES - NuPolar® Polarized Lens
- 1999**
BEST IN ACCESSORY PRODUCTS - NuPolar® Glare Demonstrator
- 2001**
BEST IN MARKETING - Clear Choices®
BEST IN MARKETING - Best Booth Exhibitor
- 2002**
BEST IN LENS MATERIALS, Trilogy®
BEST IN LENS DESIGN, Image®
BEST IN MARKETING, Clear Choices®
- 2003**
BEST IN LENS TREATMENTS - Trilogy® Transitions®
- 2004**
BEST IN LENS MATERIALS - NuPolar® Polycarbonate
BEST IN ACCESSORY PRODUCTS - Desktop Glare Demonstrator

- 2006**
BEST IN MARKETING - Art & Science Brochures
- 2007**
BEST IN LENS MATERIALS - Drivewear Activated by Transitions
BEST IN MARKETING - The Art & Science of Drivewear Activated by Transitions
Education Tour and Marketing Materials
- 2008**
BEST IN LENS MATERIALS and TREATMENTS - Polycarbonate Drivewear®
Activated by Transitions®
BEST IN LENS DESIGN - Image Wrap™ Decentered Design
BEST IN MARKETING - Drivewear® Activated by Transitions® Informational Videos
- 2009**
BEST IN MARKETING - Drivewear Glare Wheel Demonstrator
- 2010**
BEST IN LENS MATERIALS - NuPolar® Trilogy® - Visual Armor®
BEST IN MARKETING - NuPolar® Glare Wheel Demonstrator
BEST IN ACCESSORIES - Drivewear® Owner's Manual
- 2011**
BEST IN LENS DESIGN - Adage®
BEST IN LENS MATERIALS - NuPolar® 1.67 High Index





Younger Optics

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