

**2023**  
**HOYA Vision Care**  
**product & technology**  
**reference guide**

Redefining every aspect of vision correction

**HOYA**  
FOR THE VISIONARIES

# Global technology leader

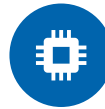


HOYA is a global medical technology company that employs nearly 40,000 people in over 30 countries worldwide. Since 1941, HOYA has been a leader in optical technology and innovation with a passion for finding the best vision solutions. Our teams around the world, tirelessly research ways to manipulate light to provide higher-quality lens solutions that deliver clear results for our eye care partners and their patients. Custom surfacing is only the beginning for HOYA lenses. The optical innovations that lie ahead will surely continue raising the bar, and we will push limits and set new standards. Like you, we challenge ourselves to strive for perfection. We are HOYA, and we are for the visionaries.



## Health care

- Eyeglass lenses
- Contact lenses



## Electronics

- Mask blanks, photomasks for LSI
- Photomasks for LCD panels
- Glass disks for HDD



## Imaging

- Optical glass/lenses
- Laser equipment



## Medical

- Medical endoscopes
- Intraocular lenses
- Prosthetic fillers and orthopedic implants

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# Hoyalux iD<sup>®</sup> progressive lenses

Experience



Visual



Harmony



## Hoyalux iD MyStyle<sup>®</sup> 2 is the most personalized and technologically advanced design available today

HOYA understands that everyone sees differently. It is essential to not only take into account the prescription and required correction, but also the individual characteristics of the wearer. iD MyStyle 2 takes into account all the variables that are specific for each wearer.

Our patented Integrated Dual Surface™ (iD) design shapes lenses exclusively for the way your patients see. It's the first to shape a lens design on both the front and back surface. This results in more comfortable transitions between near and far distances, wider viewing zones, and a dramatic reduction in blurring in peripheral vision.

With Binocular Harmonization Technology™ (BHT), iD MyStyle 2 takes into account the differences between right and left prescriptions to balance the design performance. Thus, perfect and effortless focus, constant stability and excellent depth of vision are provided.



iD design



Binocular Harmonization Technology



Position of wear



Stable view



Personalized optics



4 convenience options

### 4 convenience options

Customizing iD MyStyle 2 lens design just got easier – Choose from 4 convenient profiles to get you on your way to customizing the perfect lens for your patient.



Modern

**Indoors/outdoors**

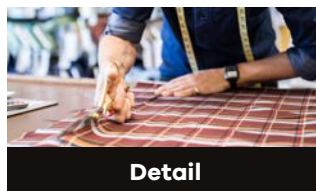
- Anyone who prefers only one pair of lenses for convenience
- No clear preference for specific distance



Adventure

**Outdoors**

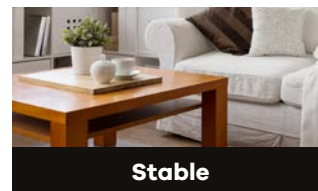
- Outdoor sports and activities
- Teacher/driver
- Walks dog daily
- Clear edge to edge distance



Detail

**Indoors**

- IT worker/mechanic/accountant
- Close work focus
- Puzzles, crafts, scrap booking, hobbyist



Stable

**Indoors**

- Experienced wearer
- Senior/sedentary/less active
- Eye gazer
- ST28 to PAL

# Simply outstanding progressive lenses



## Hoyalux iD LifeStyle® 3

Things couldn't get any clearer than with iD LifeStyle 3—HOYA's new and improved progressive design that comes with new variations matching your patient's lifestyle. iD LifeStyle 3 is the latest generation of the iD Integrated Dual Side™ (iD) progressive product family.

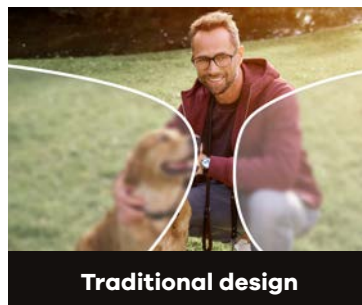
### Design benefits

- Optimized visual acuity and a crisper image perception
- Noticeably more relaxed vision thanks to precise focusing
- More accurate correction

### Available designs

- **iD LifeStyle 3 Indoor:** Designed for presbyopes who spend a lot of their time indoors, looking at digital devices or reading
- **iD LifeStyle 3 Urban:** Designed for presbyopes who are active, always on the go, and also enjoy reading books and using their digital devices
- **iD LifeStyle 3 Outdoor:** Designed for presbyopes who primarily wear their correction for distance use, and still require clear vision to see their phone and other near materials

Polarized options are available in gray, brown, and green.



Traditional design



iD LifeStyle 3

## Hoyalux Array® 2

HOYA's best-in-class technologies and quality continue to advance progressive lenses. Array 2 applies HOYA free form backside surfacing technology to virtually any semi-finished single vision lens, in any material, allowing your practice to offer a greater selection of lens options. Array 2 expanded availability makes dispensing multiple pairs of glasses easy.

### Benefits

- Vision stability
- Precision focus
- Balanced, comfortable reading with Binocular Harmonization Technology (BHT)
- Effortless adaptation
- Higher customer satisfaction

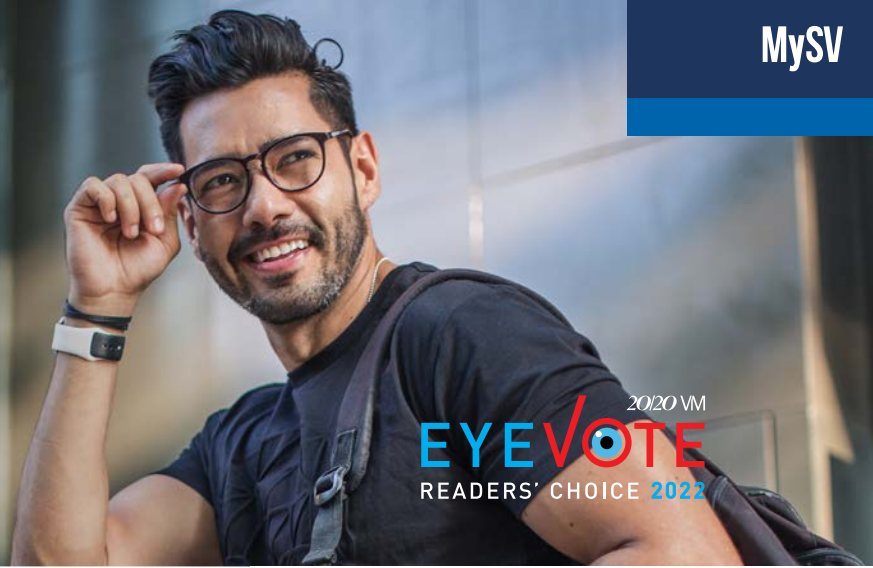
### Available corridor lengths

- Hoyalux Array 2  
11, 13, 15, 17, VL
- Hoyalux Array 2 Wrap  
11, 13, 15, 17, VL



# Premium single vision

HOYA has driven single vision lens design innovation with a passion for finding the best vision solutions that deliver clear results. For practices that offer free form progressives, you should also consider offering free form single vision lenses to your patients to further differentiate your brand.



2020 VM  
**EYE VOTE**  
READERS' CHOICE 2022

## Why MySV™ is right for today's patients

Traditional single vision lenses correct the central vision very effectively. Unfortunately, traditional single vision lenses do not meet patients' demanding needs for overall quality of vision. Your patients deserve lenses that utilize today's lens technology for today's visual demands.

### Which patients will benefit most from MySV?

#### Confidence



Patients who want to have 360° visual comfort everywhere they look.

#### Peripheral Vision

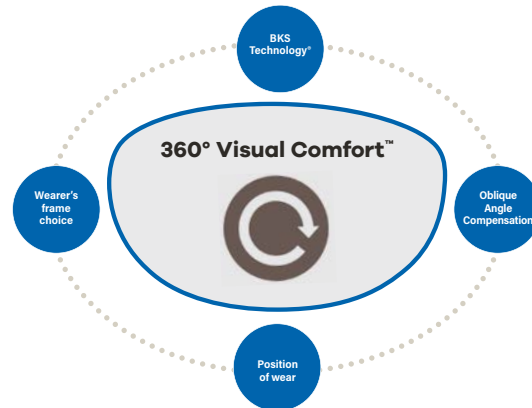
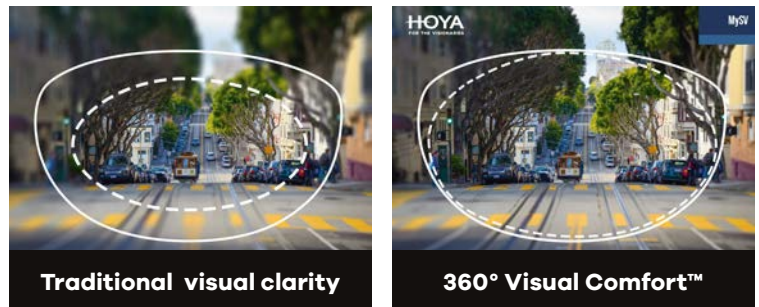


Patients with astigmatic prescriptions who struggle with peripheral distortions in conventional lenses.

#### Aesthetics



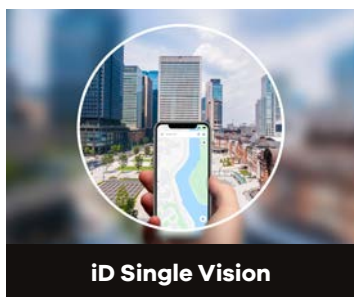
Patients who feel limited in their frame selection due to lens thickness.



## The MySV experience implements four powerful elements

For too long, single vision wearers have been underserved. The technology available to differentiate their experience is here. HOYA's MySV lenses fully personalized 360° Visual Comfort™ is achieved by:

- 1 **BKS Technology®**
- 2 **Oblique angle compensation**
- 3 **Each patient's position of wear**
- 4 **Wearer's frame choice**



iD Single Vision



Standard design

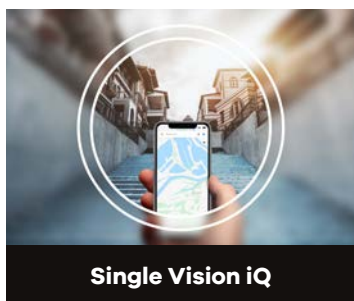
## iD Single Vision®

### Advanced bi-aspheric single vision by HOYA

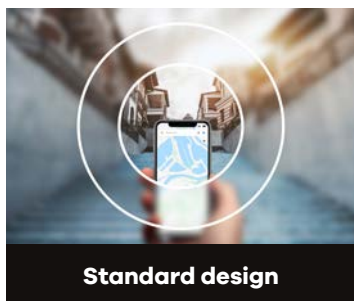
iD Single Vision utilizes aspheric curves on both the front and backside of the lens, creating a bi-aspheric HOYA free form lens design. This provides expanded peripheral viewing, especially in higher prescriptions, and results in the thinnest lenses.

#### Design benefits

- Optimized visual acuity and a crisper image perception
- Noticeably more relaxed vision thanks to precise and effortless focusing
- More accurate correction
- Providing OC and monocular PD measurements yields exceptional results



Single Vision iQ



Standard design

## Single Vision iQ™

### Single vision lenses

Single Vision iQ combines a spherical front surface single vision lens with HOYA's free form design. Provides custom back surfacing for enhanced optical performance.

#### Design benefits

- Lens optimized for all prescription powers to enhance visual acuity
- Noticeably reduced distortion, especially in peripheral viewing areas
- Providing OC and monocular PD measurements yields exceptional results



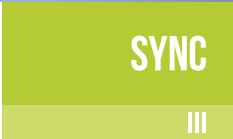
# Computer and work lenses

65% of Americans report experiencing symptoms of digital eye strain. 27% of Americans do not know computer eyewear can protect against digital eye strain (DES).\*

HOYA builds the bridge between technology and experience with our latest iD lenses designed for your digital lifestyle. The iD Space, Screen and Zoom are shaped on both the front and back surface for unparalleled workspace comfort.



\*The Vision Council, Digital Eye Strain Report 2016.



## Our eyes weren't made for screens. Sync III™ lenses are.

Most people spend an average of 8-10 hours a day looking at digital screens, with peaks up to 15 hours a day.\* Digital eye strain symptoms can present themselves in as few as 2 hours of digital screen viewing.† Sync III lenses have a slight power boost design that will support and relax your eye muscles, relieving eye strain to let you focus more easily. Sync III lenses work with any standard prescription.



**Power boost design variations**



**Free form backside surfacing**



**Position of wear and frame measurements**

### Three boost levels:

- Sync III 5 (+0.57D): Mild support for younger adults, including students
- Sync III 9 (+0.95D): Extra support for heavy screen use and moderate symptoms of digital eye strain
- Sync III 13 (+1.32D): Heavy screen use and significant symptoms of digital eye strain

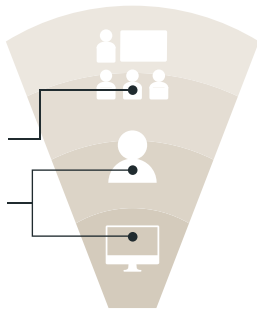
\* HOYA Consumer Digital Behavior Study, October 2017.

† Ang C., Dinevski D., Vlasak N., Kok A. Taking the strain. *Optician*. 05/2017, vol. 253, no. 6600, p.25-28.





## iD SPACE



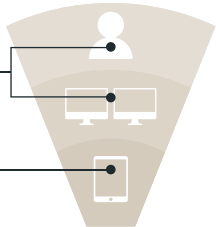
Short distance  
Intermediate

### iD Space™

The ideal lens for performing activities where the focus is beyond the distance of a computer screen. This design is ideal for patients who are more mobile in their office environment.

Meeting Smartphone Television Shopping

## iD SCREEN



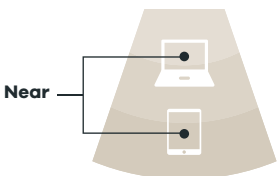
Intermediate  
Near

### iD Screen™

Best choice for professions requiring maximum clarity at an intermediate distance like those working in stores and offices. This design is ideal for anyone working on dual monitors.

Television Tablet Computer Gaming

## iD ZOOM



Near

### iD Zoom™

Perfect for laptop and hobbies requiring high levels of concentration and sharp vision at close range. Providing the widest possible near area and offering clarity at a shortened distance.

Computer Clerical Smartphone Tablet



New

# Anti-reflective treatments

## Your patients expect:

- Extreme durability
- Superior clarity
- Easy to clean

## Super HiVision<sup>®</sup> Meiryo™ EX4™ is superior clarity that lasts.

HOYA's Super HiVision Meiryo EX4 AR treatment provides everything your patients expect and goes above and beyond any other coating on the market.

### Extreme durability

- Up to **2.5x better scratch resistance** than major competitor's best coating<sup>1</sup>

### Easy to clean

- Stays **easy to clean 10x longer** than major competitor's best coating<sup>3</sup>

### Superior clarity

- **56% lower reflectance** than major competitor's best coating<sup>2,6</sup>

Your patients will enjoy superior clarity<sup>4</sup> that lasts longer and benefit from best-in-class surface durability<sup>5</sup>.



Uncoated

Super HiVision Meiryo EX4



Uncoated

Super HiVision Meiryo EX4



Uncoated

Super HiVision Meiryo EX4

<sup>1</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. Compared to several competitor coatings including major competitor's best coatings. Passed 2.5kg SWSC test when most competitive lenses tested did not pass 1kg in the SWSC.

<sup>2</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. The reflection has been calculated based on the reflection values measured in the Luminous reflectance R<sub>v</sub> evaluation.

<sup>3</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. Hi-Vision Meiryo (HVLL 2.0) maintains Hydrophobic performance more than 10X that of major competitor.

<sup>4</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. Hi-Vision Meiryo (HVLL 2.0) performed over 2x better than several competitive coatings in the HB test. Hi-Vision Meiryo (HVLL 2.0) demonstrate best in class surface durability through both HB and SWSC tests.

<sup>5</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. Hi-Vision Meiryo (HVLL 2.0) maintains Hydrophobic performance up to 5X that of all competitive coatings tested.

<sup>6</sup> HOYA data on file. Product assessment report – Hi-Vision Meiryo. 03/2023. Hi-Vision Meiryo lasts longer than all major competitors. 56% lower reflectance than major competitor's best coating resulting in exceptional clarity. Hi-Vision Meiryo maintains Hydrophobic performance up to 5X that of closest competitors.

# Super HiVision® Meiryō™ EX4™ delivers:



Scratch resistant



Anti-reflective



Repels dust



Repels water



No smudges



No glare



100% UV protection







## What do your patients want?

A 2019 consumer survey through VisionWatch detailed consumer's views on AR treatments.

The top three benefits consumers expect	The two main consumer complaints
<ol style="list-style-type: none"> <li>1. Ability to see more clearly</li> <li>2. Improved scratch resistance</li> <li>3. Full UV protection</li> </ol>	<ol style="list-style-type: none"> <li>1. Scratches too easily</li> <li>2. Too hard to keep clean</li> </ol>

HOYA focused on these patient expectations, and we exceeded our goals.

## Testing proves real world patient benefits

Super HiVision Meiryō EX4	The Tests	Patient Benefit
<p><b>Extreme durability</b> Up to <b>2.5x better scratch resistance</b> than major competitor's best coating<sup>1</sup></p>	<p> <b>Sandpit Test</b> – Resistance to abrasion.</p> <p> <b>Steel Wool Test</b> – Resistance to harsh scratches.</p> <p> <b>Oven Test</b> – Heat resistance.</p>	<p><b>Overcome the issue that is most frustrating to patients – scratches.</b></p>
<p><b>Easy to clean</b> Stays <b>easy to clean 10x longer</b> than major competitor's best coating<sup>3</sup></p>	<p> <b>Droplet Test</b> – Ease to clean and liquid resistance.</p> <p> <b>Extreme Weather Test</b> – Resistance to weathering.</p>	<p><b>Lenses can withstand daily cleaning for the life of the prescription.</b></p> <p><b>Easy to clean features that last much longer.</b></p>
<p><b>Superior clarity</b> <b>56% lower reflectance</b> than major competitor's best coating<sup>2</sup></p>	<p> <b>The defined function of an AR treatment is to reduce surface reflections and improve light transmissibility.</b></p>	<p><b>Clarity that holds up over time in all climates, conditions, as well as the wear and tear of daily life.</b></p>

### Additional Resources

More information on the tests conducted is in our white paper titled **"Exploring key features that work together to create the ultimate coating"** which is available on our website [www.hoyavision.us](http://www.hoyavision.us) and on request.

# Anti-reflective treatments

## Super HiVision® EX3+™

### The best solution to overcome your patient's hesitation towards AR

HOYA's own in-house produced lens materials and jointly manufactured lenses meet the highest quality standards, all while reducing the most significant annoyances. This treatment is the perfect solution for anyone who is interested in protecting their investment and keeping their lenses in excellent condition all year-round. Based on a special composition of various layers, EX3+ treatment keeps lenses safe and glasses wearers happy, even after years of usage.

Using Super Premium Anti-Reflective (AR) technologies, HOYA has made EX3 better with the addition of backside UV protection.



**Scratch resistant**



**Glare resistant**



**UV protection**



**Smudge resistant**



**Improved night time vision**



**Water resistant**



**Dust resistant**



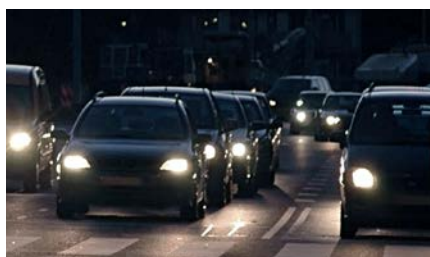
**Substrate Matching Properties (SMP)**



**Selfie approved**



**No treatment**



**EX3+ treatment**

- Extreme scratch resistance
- Extreme clean vision—oil, water and dirt resistant
- Extreme anti-reflection for maximum visual clarity

\*Independent research study amongst ECPs & consumers from seven countries. Data on file HOYA Vision Care 2019. 2Vision Watch AR consumer (study November 2019)

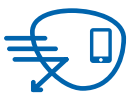
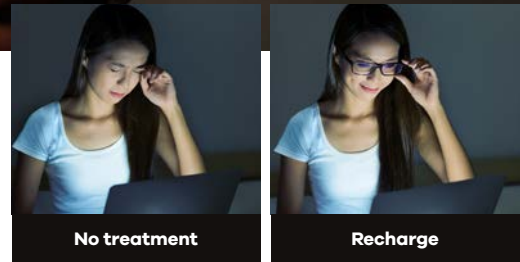




## Recharge®

Recharge filters blue light transmitted from the back-lit screens of digital devices. Perfect for patients who suffer from digital eye strain (DES).

- Filters blue light through a combination of absorption and reflection
- Keeps eyes comfortable and refreshed
- May help alleviate eye strain, fatigue, headaches, loss of focus and blurred vision (DES)
- Re-energizes focus



**Blue light filtration**



**Scratch resistant**



**Glare resistant**



**UV protection**



**Smudge resistant**



**Water resistant**



**Dust resistant**



**Substrate Matching Properties (SMP)**

## Super HiVision® EX3™

EX3 guarantees exceptionally clear, relaxed vision while prolonging the life and look of the lenses. It resists fingerprints, water, dirt and smudges. Patients have one common goal...no scratches! Lenses keep pace with the most active lifestyles. HOYA 2-Year Unlimited Guarantee.

- Extended lens life
- Eliminates reflections and glare – reduces eye fatigue
- Safer nighttime driving
- Resists fingerprints, water, dirt and smudges

SUPER HIVISION  
**EX3**



**Scratch resistant**



**Glare resistant**



**Smudge resistant**



**Improved night time vision**



**Water resistant**



**Dust resistant**



**Substrate Matching Properties (SMP)**



Please refer to page 27 to see the full list of anti-reflective treatments offered by HOYA.

# Materials



## Clear Blue Filter™ Everyday protection from damaging light rays



Recommended as  
an effective UV filter  
for the eyes and  
surrounding skin.

### All eyes are vulnerable.

**From sunlight to digital devices, ultraviolet and high-energy blue light is everywhere.**

Clear Blue Filter lenses may help protect eyes from the harmful effects of powerful rays.

### Give your customers the best protection.

**Block UVA/UVB rays and filter the most damaging, highest-energy blue light with Clear Blue Filter.**

Provide comfort from sunlight, screen time and other everyday activities. And help safeguard eyes from cataracts, macular degeneration and other serious conditions linked to UV and high-energy blue light.<sup>1,2</sup>

### Designed for daily wear.

**These lenses are thin, lightweight, impact-resistant and affordable—making them perfect for everyday use.**



#### Powered by science

Blocks 100% of UV (400nm) and filters damaging high-energy blue light rays.



#### Safe for young eyes

Children are 70% more susceptible to high-energy blue light transmitted to a child's retina.<sup>3</sup>



#### Protection by design

Safety is built into the lens, not the coating. Widely available in both SFSV and FSV.

<sup>1</sup> "The Family of Sunlight-Related Eye Diseases" Optometry & Vision Science, Volume 71.

<sup>2</sup> "Is sunlight exposure a risk factor for age-related macular degeneration?" British Journal of Ophthalmology, Volume 97.

<sup>3</sup> "Clinical Light Damage to the Eye", Sidney Lerman, M.D.



## HOYA Materials

### 1.50

Basic, thin, and light lenses. Widely prescribed for comfort, durability, and impact resistance

#### Lens features

- Lightweight
- Impact resistant
- Comfortable and durable

#### Plastic 1.50

-6.00



### HOYA Phoenix®

Very strong and reliable material, the ideal choice for your customers and their children when it comes to protecting their eyes.

#### Lens features

- 60x safer than plastic
- UV protection
- Sharper vision
- Lightest lens material for all-day comfort

#### Phoenix 1.53

-6.00



### 1.59

Thinner and lighter than regular plastic lenses.

#### Lens features

- Impact resistant
- Light
- UV protection

#### Poly 1.59

-6.00



### 1.60

Premium-performing high-index lens material.

#### Lens features

- Very thin and lightweight
- Extremely strong and flexible
- UV protection

#### High-Index 1.60

-6.00



### 1.67

Exceptionally thin, strong and light design with superior optical clarity.

#### Lens features

- Exceptionally thin
- 25% flatter than 1.60 or poly
- UV protection

#### High-Index 1.67

-6.00



### 1.74

The thinnest and flattest ultra high index lens material on the market.

#### Lens features

- Nearly 50% thinner than plastic
- Nearly 5% thinner than 1.67
- UV protection

#### High-Index 1.74

-6.00



All data quoted for minus powers is for 65mm diameter lenses. The chart is for comparison purposes only. Actual lens results will differ based on individual prescription, personal measurements and frame selected.



# Sun solutions for every need.

**From light-adaptive and polarized lenses to fashionable tints and mirror coatings, and everything in between.**

As a Visionary, you strive to provide your patients with the best solutions to fit their everyday needs. With HOYA, every need can now be met with a sun solution. Your patients no longer have to compromise function for fashion or experience discomfort from uncomfortable light outdoors. Enhance their visual comfort, performance, and outdoor protection with sunwear in fashionable styles with a complete range of UV-protection products to suit all of your patients' needs.

As a true business partner, we don't just provide you with a comprehensive sun portfolio, but also with extensive support to help grow your business.





## The brand patients know and trust.



**100%**  
UVA and UVB  
protection



**Up to 97%**  
Reduction in  
blinding glare<sup>2</sup>



**3 unique colors**  
that do not distort  
color perception



**Utilizes a patented**  
manufacturing  
technology

## Offer them the best sun protection money can buy.

Today's patients are more health conscious than ever. Give your patients the best sun protection money can buy and a brand they know and trust.

## The ultimate protection under the sun.

Coppertone® polarized lenses offer at least **1.6 times higher** High Energy Visible light protection versus standard polarized lenses.<sup>1</sup>



**Coppertone Gray**



**Coppertone Brown**



**Coppertone Green**

<sup>1</sup> Coppertone HEV Gray polycarbonate lens vs standard 1.50 polarized gray lens between 380nm-460nm

<sup>2</sup> HEV brown lenses

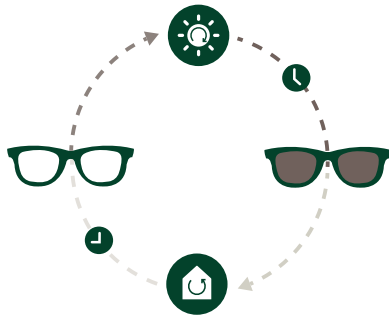


**Recommended as  
an effective UV filter  
for the eyes and  
surrounding skin.**



# The full Sensity® family: for limitless lifestyles

Make your move toward  
Sensity light-adaptive lenses.



## All Sensity® light-adaptive lenses feature the following benefits:

- Consistent performance in different climates and light conditions, thanks to Stabilight Technology<sup>^^</sup>
- Outstanding contrast and glare reduction with Sensity's deep, natural colors
- Reduced glare when activated
- 100% protection against UV rays<sup>\*\*</sup>
- Blue light protection indoors and outdoors<sup>\*\*\*</sup>



## Stand out with quality and comfort

Sensity® 2 provides all day comfort for light sensitive eyes, no matter the climate, season, or lifestyle.

### Patient benefits:

- Best balance of fadeback speed and darkness for most patients
- Darkens to a dark category 3 sun tint
- Extremely clear indoors



**SENSITY**

2



## Stand out with faster speed

Sensity® Fast is our fastest light adaptive lenses, rapidly fading back from dark to clear.

### Patient benefits:

- Ideal for first-time photochromic patients who prefer the fastest fadeback
- Darkens to a lighter category 2 sun tint
- Extremely clear indoors



**SENSITY**

FAST

\*Based on internal and external photochromic activation and deactivation measurements taken at different temperature levels.

<sup>^</sup>Stabilight Technology does not apply to Sensity Fast.

<sup>\*\*</sup>All Sensity lenses provide 100% UV protection with the exception of Sensity 2 Oceanic Blue in 1.50 material which cuts 99.0% of UV. Internal assessment by HVC R&D Laboratories.

<sup>\*\*\*</sup>Based on internal testing of average light transmission between 381nm-500nm compared to standard clear lens.

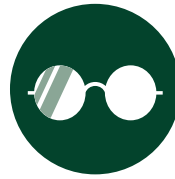




**Convenient  
2 in 1 solution**



**UV/HEV  
protection**



**Glare  
reduction**



**Stable performance  
in all climates**



### Stand out with extra performance

Sensity® Dark lenses are engineered for outdoor activities and driving – ideal for an active lifestyle.

#### Patient benefits:

- Best for the most light-sensitive patients
- Our darkest Sensity lenses outdoors
- Lenses darken behind most car windshields
- Slight tint indoors for those sensitive to indoor light



Silver Gray



Bronze Brown



Emerald Green

## SENSITY

DARK



### Stand out with extra style

Sensity® Shine combines comfort, convenience, and fashion with a mirror coating on a photochromic lens.

#### Patient benefits:

- For wearers who want a fashionable mirror lens
- Fades back quickly to an attractive mirror shine indoors
- Lenses darken behind most car windshields



Shine Silver Gray



Shine Bronze Brown



Shine Emerald Green

## SENSITY

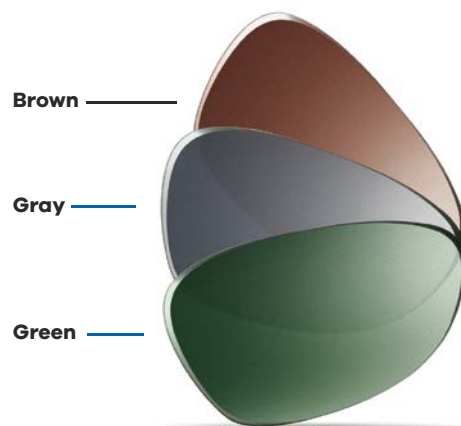
SHINE

## Enjoy more time by the pool, in the mountains, or at the beach with HOYA's Polarized sun lenses.

With HOYA's polarized lenses, blinding reflections and visual discomfort are no longer an issue. Reduced glare and enhanced contrast offers improved visual performance, comfort, and protection.

### Features:

- Three fashion-forward colors
- Available in a wide range of designs including LifeStyle® 3 Sun
- Available with new HOYA mirror coatings
- Available for all ages



## HOYA Diamond Tint® lenses meet consumer needs for function and fashion.

HOYA's variety of Diamond Tint lenses let you further enhance the solutions you offer your patients for a range of activities. From sports to driving and everything in between, your customers will be able to add a pop of color with functional tints to meet each individual need and lifestyle. HOYA's Diamond Tint Lens colors work in combination with all frames as well as with a broad range of HOYA designs and treatments.

### Benefits:

- 100% UV protection from the sun
- Clarity and crispness of color are unbeatable – HOYA's pressurized pore processing application prevents fading for long lasting color
- Tint color will not change with HOYA anti-reflective treatments



Available in a total of 77 different colors, including these popular options:



HDT-GRY-FC-85



HDT-BRN-FC-85



HDT-GRN-FC-75



HDT-BLU-FC-25



HDT-GRY-FC-75



HDT-BRN-FC-75



HDG-GRN-GR-75



HDT-BLU-FC-15



HDT-GRY-FC-50



HDT-BRN-FC-50



HDG-GRN-GR-25



HDT-AMY-FFC-15

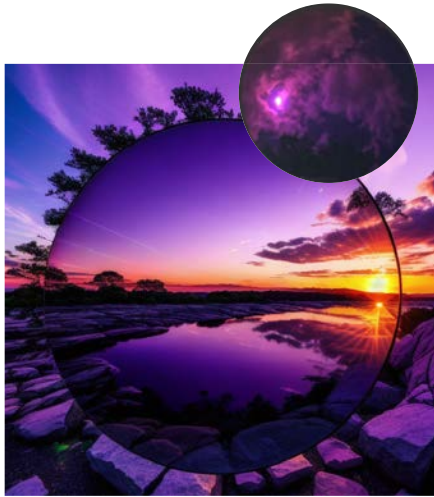
Please contact your Territory Sales Manager for information on ordering procedures.

## Add HOYA Mirrors to patients' polarized and tinted lenses to enhance their experience outside.

**New**

### Introducing "Horizon Hues" – a New Mirror Collection

The new Horizon Hues collection represents the myriad of colors and experiences associated with the significant times of the day. From the delicate warmth of dawn to the blazing brightness of noon, followed by the serene glow of dusk, these shades encapsulate the beauty of nature's daily show.



**DLA – Daybreak Luster**



**TEA – Tranquility Essence**



**GEA – Golden Ember**

Give your patients the opportunity to express their personality and style, while reducing glare discomfort, protecting eye health, and improving visual clarity outside. HOYA mirrors offer the perfect combination of high fashion and function for a broad range of outside lifestyle needs.

#### Benefits:

- Offers optimal sun protection by reflecting light away from the lens surface
- Reduces discomfort and eye strain caused by glare
- Features a fashionable mirror finish

#### Additional Mirror colors available:



**FBM – Flash Blue Mirror**



**FGM – Flash Gold Mirror**



**FSM – Flash Silver Mirror**



**SLM – Silver Mirror**



**RRM – Red Mirror**



**BLM – Blue Mirror**



**GDM – Gold Mirror**



**RGM – Rose Gold Mirror**



**CPM – Copper Mirror**



**GRM – Green Mirror**



**RDM – Ruby Mirror**



**LBM – Light Blue Mirror**



**LVM – Violet Mirror**



# Product comparison chart

	HOYA lens designs	HOYA concept and benefits	Vision plan competitive comparisons
iD	<b>iD MyStyle® 2</b>	<ul style="list-style-type: none"> <li>The pinnacle of personalization with unlimited design variations</li> <li>Utilizes an interactive consultation program to gather patient information, lifestyle requirements and wearing preferences to create a lens that is uniquely personalized</li> <li>Incorporates Integrated Dual Surface (iD) design technology and Binocular Harmonization Technology™ to accomplish ideal binocular vision for a truly personalized design</li> <li>Every pair is designed using HOYA's patented Binocular Eye Model™ and 3D Visual Acuity Simulation™</li> <li>Available in four convenience options: Modern, Detail, Adventure, Stable</li> </ul>	<ul style="list-style-type: none"> <li>Shamir Autograph® Intelligence™</li> <li>Varilux® XR Track</li> <li>Unity® Via Elite II</li> </ul>
iD	<b>iD LifeStyle® 3</b>	<ul style="list-style-type: none"> <li>Binocular Harmonization Technology takes into account the differences between right and left prescription to balance the design performance</li> <li>Integrated Dual Side design with standardized front vertical power distribution and customized back horizontal progression—reduces eye rotation between distance and near zones and provides wider fields of view</li> <li>Fully integrates both surfaces using View Xpansion Technology™ to minimize aberration</li> <li>Three designs: Indoor, Urban, Outdoor</li> <li>Option for position of wear measurements</li> </ul>	<ul style="list-style-type: none"> <li>Shamir Autograph® III</li> <li>Varilux® XR Design</li> <li>Zeiss® Progressive Individual® 2</li> <li>Unity® PLXpression</li> </ul>
iD	<b>iD Space™, iD Screen™, iD Zoom™</b>	<ul style="list-style-type: none"> <li>Relieves symptoms related to digital eye strain (DES)</li> <li>iD Space: The ideal lens for performing activities where the focus is beyond the distance of a computer screen</li> <li>iD Screen: The best choice for professions requiring maximum clarity at an intermediate distance like those working in stores and offices</li> <li>iD Zoom: Perfect for laptop and hobbies that require high levels of concentration and sharp vision at close range</li> <li>Best binocular vision with HOYA's Binocular Harmonization Technology</li> </ul>	<ul style="list-style-type: none"> <li>Essilor® Computer</li> <li>Shamir Computer™ &amp; Workspace™</li> <li>Zeiss® Officelens Book, Desk, Room</li> <li>Unity® Via Office Pro</li> </ul>
BKS	<b>Array® 2 Array® 2 Wrap</b>	<ul style="list-style-type: none"> <li>Binocular Harmonization Technology takes into account the differences between right and left prescription to balance the design performance</li> <li>Applies HOYA free form surfacing technology to the back side of any semi-finished single vision lens, in any material</li> <li>Variable corridor length offers customization for ergonomic considerations</li> <li>Array 2 Wrap provides compensated design for wrap frames</li> </ul>	<ul style="list-style-type: none"> <li>Kodak DS II™</li> <li>Shamir Autograph® II+</li> <li>Shamir Autograph® II Attitude™</li> <li>Varilux® Physio® W3+ / Stylistic Wrap</li> <li>Zeiss® Precision (Superb, Plus, Pure)</li> <li>Unity® Via II, Unity Plus II/Mobile II/ Wrap II</li> </ul>
BKS	<b>Summit® ecp BKS Summit® cd BKS</b>	<ul style="list-style-type: none"> <li>Design symmetry of nasal and temporal zones for: increased viewing comfort, better binocular vision, and reduction of uncomfortable feelings while in motion</li> <li>Effortless transition between zones to allow for more natural head and eye movement</li> <li>Summit cd BKS for smaller frames</li> </ul>	<ul style="list-style-type: none"> <li>Varilux® Physio® DRx</li> <li>Varilux® Comfort Max</li> <li>Zeiss® Progressive Choice</li> <li>Shamir Spectrum+™</li> <li>Unity® PLXtra</li> </ul>
BKS	<b>Amplitude® BKS™ Amplitude® Mini BKS™</b>	<ul style="list-style-type: none"> <li>Economical lenses to suit any budget</li> <li>Comfortable design to suit most lifestyle needs</li> <li>Wide fields of view with free form technology</li> </ul>	<ul style="list-style-type: none"> <li>Kodak Precise®/PB/Short</li> <li>Shamir Element™</li> <li>Zeiss Synchrony® Easy Adapt</li> <li>Varilux® Comfort 2</li> <li>Ethos® Plus</li> </ul>
BKS	<b>Hoyalux GP Wide™</b>	<ul style="list-style-type: none"> <li>23% wider than traditional progressive lenses</li> <li>Horizontal asymmetry, balanced, comfortable binocular vision</li> <li>Transmission based design</li> <li>Natural all-around vision with wide near zone</li> </ul>	<ul style="list-style-type: none"> <li>SolaMax®</li> <li>Kodak Concise</li> <li>Essilor® Ovation</li> <li>Essilor® Naturar</li> <li>AO Compact</li> <li>Varilux® Comfort</li> </ul>

# Product comparison chart

	Lens designs	HOYA concept and benefits	Vision plan competitive comparisons
iD	<b>iD Single Vision®</b>	<ul style="list-style-type: none"> <li>HOYA's Integrated Dual Side free form technology</li> <li>Expanded peripheral viewing, especially in higher prescriptions</li> <li>Visual optimization for all powers</li> <li>Ideal combination of performance and cosmetics</li> <li>Higher visual performance</li> </ul>	<ul style="list-style-type: none"> <li>Essilor Eyecode™ Single Vision</li> <li>Essilor Eyezen® +0</li> <li>Shamir Autograph® II SV</li> <li>Zeiss® 3D SV</li> </ul>
BKS	<b>MySV™</b>	<ul style="list-style-type: none"> <li>HOYA's first fully compensated, free form single vision lens</li> <li>Compensates in the oblique angles offering 360° visual comfort</li> <li>Digital lenses provide a more accurate and precise prescription than standard single vision lenses</li> <li>Optimized base curve to fit any frame without altering the frame shape</li> </ul>	<ul style="list-style-type: none"> <li>Essilor FIT™</li> <li>Shamir Autograph® III SV</li> <li>Unity® SVXtra</li> <li>Zeiss® SmartLife SV Individual</li> </ul>
iQ	<b>Single Vision iQ™</b>	<ul style="list-style-type: none"> <li>Backside design technology</li> <li>Visual optimization for all powers</li> <li>Calculated visual acuity at every point on the lens</li> <li>Wider, clearer visual field in all directions of sight</li> </ul>	<ul style="list-style-type: none"> <li>Essilor 360™ Single Vision</li> <li>Zeiss® SmartLife SV</li> <li>Shamir Smart SV™</li> <li>Unity® SVx</li> </ul>
BKS	<b>Sync III™</b>	<ul style="list-style-type: none"> <li>Sync lenses have the distance power for everyday use and a 'boost zone' in the lower portion of the lens</li> <li>The boost zone is an area with an increased amount of relaxing power, reducing eye strain during prolonged up close activities such as looking at digital screens, reading or any 'near task' activities</li> <li>Three support levels: Sync III 5 (+0.57D), Sync III 9 (+0.95D) and Sync III 13 (+1.32D)</li> </ul>	<ul style="list-style-type: none"> <li>Shamir Relax™</li> <li>Essilor Eyezen® + 1, 2, 3</li> <li>Zeiss® SmartLife Digital Lens</li> <li>Zeiss® EnergizeMe® SV</li> <li>Zeiss® Digital Lens</li> <li>Unity® Relieve 50/70</li> </ul>
BKS	<b>Tact® 40/60 BKS</b>	<ul style="list-style-type: none"> <li>Relieves symptoms related to digital eye strain (DES)</li> <li>Provides extended focus lens design for near and intermediate viewing zones</li> <li>Delivers exceptionally wide intermediate and near viewing zones with optimized periphery</li> </ul>	<ul style="list-style-type: none"> <li>Shamir Autograph® II-Office™</li> <li>Zeiss® Synchrony® Access</li> <li>Unity® Via OfficePro 5/10 FT</li> </ul>

	Lens treatments	HOYA concept and benefits	Vision plan competitive comparisons
New	<b>Super HiVision® Meiryo™ EX4™</b>	<ul style="list-style-type: none"> <li>Features 100% front and back UV protection with low reflective properties</li> <li>Best in class surface durability</li> <li>Premium scratch resistance and AR performance, water repellent, oil/grease repellent</li> <li>Excellent smudge resistant, eliminates glare and helps reduce eye fatigue</li> <li>Superior clarity that lasts longer</li> <li>Maintains "Easy Clean" features</li> <li>Anti-static</li> </ul>	<ul style="list-style-type: none"> <li>Crizal® Sapphire™ HR</li> <li>Zeiss® DuraVision® Platinum UV</li> <li>Shamir Glacier Expression™</li> </ul>
	<b>Super HiVision® EX3® Family</b> (EX3+, EX3)	<ul style="list-style-type: none"> <li>Super HiVision EX3+: UV protection from backside reflections for eyes and surrounding skin</li> <li>Super HiVision EX3 and EX3+ include:                             <ul style="list-style-type: none"> <li>Extreme scratch resistance, the only lens treatment that outperforms glass</li> <li>Smudge resistant, eliminates glare and helps reduce eye fatigue</li> <li>Includes View Protect® &amp; Substrate Matching Technology</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Crizal® Sapphire™ UV</li> <li>Zeiss® DuraVision® Platinum</li> </ul>
	<b>Recharge®</b>	<ul style="list-style-type: none"> <li>Reduces the amount of blue light that reaches the eyes emitted by most LED screens</li> <li>Greater comfort for prolonged amounts of time in front of back lit displays</li> <li>Includes the same scratch and smudge resistance benefits as EX3+</li> <li>Substrate Matching Technology</li> </ul>	<ul style="list-style-type: none"> <li>Crizal® Previncia™</li> <li>Zeiss® Duravision® BlueProtect</li> <li>TechShield® Blue</li> <li>Essilor Essential Blue Series®</li> </ul>
	<b>Super HiVision®</b>	<ul style="list-style-type: none"> <li>Superior scratch resistance</li> <li>Exceptional smudge resistance</li> <li>Includes View Protect &amp; Substrate Matching Technology</li> </ul>	<ul style="list-style-type: none"> <li>Crizal® Avancé™ UV</li> <li>Zeiss® DuraVision® Silver</li> </ul>
	<b>HiVision® View Protect®</b>	<ul style="list-style-type: none"> <li>Front and back scratch resistance</li> <li>Smudge resistant treatment</li> <li>View Protect "easy to clean" treatment</li> </ul>	<ul style="list-style-type: none"> <li>Crizal® Alize™ UV</li> <li>Zeiss® DuraVision® Silver</li> </ul>
	<b>Sensity® Family</b> (Sensity 2, Sensity Dark, Sensity Shine)	<ul style="list-style-type: none"> <li>Stabilight Technology™ ensures consistent performance in different climates and seasons</li> <li>Excellent contrast and glare reduction with Sensity's four deep, natural colors</li> <li>Exceptional optical quality and durability due to photochromic precision technology</li> <li>Darkens in the car (Sensity Dark and Sensity Shine only)</li> </ul>	<ul style="list-style-type: none"> <li>Transitions™ Signature® Gen 8™</li> <li>Transitions® XTRActive® New Generation</li> <li>Zeiss® PhotoFusion®</li> </ul>
	<b>Sensity® Fast</b>	<ul style="list-style-type: none"> <li>The fastest HOYA light adaptive lens technology available</li> <li>Cutting-edge speed when fading back from dark to clear</li> <li>Better indoor clarity than Sensity family</li> </ul>	<ul style="list-style-type: none"> <li>Unity® SunSync® Elite II</li> </ul>

# Lens availability charts

Free Form Progressives	Hoyalux iD MyStyle® 2	Hoyalux iD LifeStyle® 3*	Hoyalux Array® 2	Hoyalux Array® 2 Wrap	Amplitude® HD3/Mini
Minimum Fitting Height	Personalized to frame 14mm	18mm/14mm	21mm/19mm/17mm/14mm	21mm/19mm/17mm/14mm	18mm/14mm
Plastic 1.50	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50)	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Clear Blue Filter 1.50			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	
Plastic 1.50 Polarized		-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	
Plastic 1.50 Sensity® 2	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Plastic 1.50 Transitions®			-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP/PG	-5.00 to +4.00 Cyl. to -4.00 (+0.75 to +4.00) ●●/X/XP/PG	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X
Phoenix® 1.53	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50)	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Phoenix® 1.53 Coppertone®		-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	
Phoenix® 1.53 Polarized		-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	
Phoenix® 1.53 Sensity® 2	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Phoenix® 1.53 Transitions®		-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X	-5.00 to +4.00 Cyl. to -4.00 (+0.75 to +4.00) ●●/X	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X
BluTech 1.56 (Indoor/Outdoor)			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	
Poly 1.59	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00)	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00)
Clear Blue Filter 1.59			-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	
Poly 1.59 Polarized		-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00) ●
Poly 1.59 Coppertone®		-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	
Poly 1.59 Sensity® 2	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00) ●●●/SF/SD/SS	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-6.00 to +6.00 Cyl. to -6.00 (+1.00 to +4.00) ●●●/SF/SD/SS
Poly 1.59 Transitions®		-6.00 to +6.00 Cyl. to -4.00 (+1.00 to +4.00) ●●	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP/PG	-6.00 to +4.00 Cyl. to -4.00 (+0.75 to +4.00) ●●/X/XP/PG	-6.00 to +6.00 Cyl. to -4.00 (+1.00 to +4.00) ●
Hi-Index 1.60	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50)	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.60 Polarized		-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.60 Sensity® 2	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SD/SS		-11.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50) /SD
Hi-Index 1.60 Transitions®			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-6.00 to +4.00 Cyl. to -4.00 (+0.75 to +4.00) ●●	
Hi-Index 1.67	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)
Clear Blue Filter 1.67		-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.67 Polarized		-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	
Hi-Index 1.67 Sensity® 2	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Hi-Index 1.67 Transitions®		-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP/PG	-6.00 to +4.00 Cyl. to -4.00 (+0.75 to +4.00) ●●/X/XP/PG	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X
Hi-Index 1.74	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +3.50)

X = Transitions® XTRActive® New Generation    XPG = Transitions® XTRActive® Polarized™ Gray    SF = Sensity® Fast Gray & Brown    SD = Sensity® Dark    SS = Sensity® Shine  
 \*Not all iD LifeStyle 3 polarized lenses come with iD technology.

\*\* Sensity Shine, Sensity 2 Blue/Green add powers are available from +0.75 to +3.50.



# Lens availability charts

Free Form Progressives	Hoyalux Array®	Hoyalux Array® Wrap	Hoyalux Summit® ecp/cd BKS	Amplitude® BKS/Mini	HOYA GP Wide™
Minimum Fitting Height	21mm/19mm/17mm/14mm	21mm/19mm/17mm/14mm	18mm/14mm	19mm/14mm	18mm
Plastic 1.50	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Clear Blue Filter 1.50	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Plastic 1.50 Polarized	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●●
Plastic 1.50 Sensity® 2	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Plastic 1.50 Transitions®	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●/X/XPG	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG
Phoenix® 1.53	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Phoenix® 1.53 Coppertone®	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●
Phoenix® 1.53 Polarized	-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +4.50 Cyl. to -6.00 (+0.75 to +4.00) ●●
Phoenix® 1.53 Sensity® 2	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Phoenix® 1.53 Transitions®	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●/X	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X
BluTech 1.56 (Indoor/Outdoor)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-5.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)		
Poly 1.59	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Clear Blue Filter 1.59	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Poly 1.59 Polarized	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●●
Poly 1.59 Coppertone®	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●
Poly 1.59 Sensity® 2	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Poly 1.59 Transitions®	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●/X/XPG	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG
Hi-Index 1.60	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.60 Polarized	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.60 Sensity® 2	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SD/SS		-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SD/SS
Hi-Index 1.60 Transitions®	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●
Hi-Index 1.67	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)
Clear Blue Filter 1.67	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)
Hi-Index 1.67 Polarized	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●	-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●
Hi-Index 1.67 Sensity® 2	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●/SF/SD/SS	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●/SF/SD/SS
Hi-Index 1.67 Transitions®	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50) ●●/X/XPG	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XPG
Hi-Index 1.74	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-6.00 to +4.00 Cyl. to -6.00 (+0.75 to +3.50)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)

X = Transitions® XTRActive® New Generation XPG = Transitions® XTRActive® Polarized™ Gray SF = Sensity® Fast Gray & Brown SD = Sensity® Dark SS = Sensity® Shine  
 \*\* Sensity Shine, Sensity 2 Blue/Green add powers are available from +0.75 to +3.50.

# Lens availability charts

Premium SV, Bifocal & New Media Optics	iD Single Vision®	MySV™	ST28 iQ™/ST28	iD Space™, iD	Tact®	Sync III™	
		Single Vision iQ™/SV		Screen™, iD Zoom™	40/60 BKS		
Minimum Fitting Height				Personalized to frame 18mm	18mm		
Plastic 1.50		-10.00 to +10.00 Cyl. to -6.00	-10.00 to +6.00 Cyl. to -4.00 (+0.75 to +3.50)	-8.00 to +5.00 Cyl. to -4.00 (+1.00 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Clear Blue Filter 1.50		-10.00 to +10.00 Cyl. to -6.00	-10.00 to +6.00 Cyl. to -4.00 (+0.75 to +3.50)		-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Plastic 1.50 Polarized		-10.00 to +4.00 Cyl. to -6.00 ●●●				-10.00 to +6.00 Cyl. to -6.00 ●●●	
Plastic 1.50 Sensity® 2		-10.00 to +4.00 Cyl. to -6.00 ●●●/SF/SD/SS		-8.00 to +5.00 Cyl. to -4.00 (+1.00 to +3.50) ●●●●	-8.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●●/SF/SD/SS	-8.00 to +6.00 Cyl. to -6.00 ●●●●/SF/SD/SS	
Plastic 1.50 Transitions®		-8.00 to +9.00 Cyl. to -4.00 ●●/X/XP	-8.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50) ●●/X		-10.00 to +3.75 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP	-10.00 to +6.00 Cyl. to -6.00 ●●/X/XP	
Phoenix® 1.53		-13.00 to +9.00 Cyl. to -6.00	-8.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50) ●●/X	-8.00 to +5.00 Cyl. to -4.00 (+1.00 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Phoenix® 1.53 Coppertone®		-13.00 to +9.00 Cyl. to -6.00 ●●				-10.00 to +6.00 Cyl. to -6.00 ●●	
Phoenix® 1.53 Polarized		-12.00 to +6.00 Cyl. to -6.00 ●●				-10.00 to +4.50 Cyl. to -6.00 ●●	
Phoenix® 1.53 Sensity® 2		-13.00 to +9.00 Cyl. to -6.00 ●●●/SF/SD/SS		-8.00 to +5.00 Cyl. to -4.00 (+1.00 to +3.50) ●●●●/SD/SS	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●●/SF/SD/SS	-10.00 to +6.00 Cyl. to -6.00 ●●●●/SF/SD/SS	
Phoenix® 1.53 Transitions®		-13.00 to +9.00 Cyl. to -4.00 ●●/X	-9.00 to +7.00 Cyl. to -4.00 (+1.00 to +3.50) ●●		-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP	-10.00 to +6.00 Cyl. to -6.00 ●●/X/XP	
BluTech 1.56 (Indoor/Outdoor)		-8.00 to +7.00 Cyl. to -6.00			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Poly 1.59		-10.00 to +6.00 Cyl. to -6.00	-8.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50)		-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00	
Clear Blue Filter 1.59		-10.00 to +6.00 Cyl. to -6.00	-8.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50)		-13.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +6.00 Cyl. to -6.00	
Poly 1.59 Polarized		-9.00 to +6.00 Cyl. to -6.00 ●●●	-8.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50) ●●●			-13.00 to +6.00 Cyl. to -6.00 ●●●	
Poly 1.59 Coppertone®		-9.00 to +6.00 Cyl. to -6.00 ●●●				-13.00 to +6.00 Cyl. to -6.00 ●●●	
Poly 1.59 Sensity® 2		-9.00 to +6.00 Cyl. to -6.00 ●●●/SF/SD/SS			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●●●/SF/SD/SS	-13.00 to +6.00 Cyl. to -6.00 ●●●●/SF/SD/SS	
Poly 1.59 Transitions®		-6.00 to +6.00 Cyl. to -4.00 ●●/X/XP			-13.00 to +5.25 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP	-13.00 to +5.25 Cyl. to -6.00 ●●/X/XP	
Hi-Index 1.60	-10.00 to +8.00 Cyl. to -4.00	-13.00 to +8.00 Cyl. to -6.00		-11.00 to +7.00 Cyl. to -4.00 (+1.00 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Hi-Index 1.60 Polarized	-10.00 to +8.00 Cyl. to -4.00	-13.00 to +8.00 Cyl. to -6.00		-11.00 to +7.00 Cyl. to -4.00 (+1.00 to +3.50)	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00)	-10.00 to +6.00 Cyl. to -6.00	
Hi-Index 1.60 Sensity® 2	-10.00 to +8.00 Cyl. to -4.00 ●●●●/SD/SS	-13.00 to +6.50 Cyl. to -6.00 ●●●●/SD/SS		-10.00 to +6.00 Cyl. to -4.00 (+1.00 to +3.50) ●●●●	-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +3.50) ●●●●/SD/SS	-10.00 to +6.00 Cyl. to -6.00 ●●●●/SD/SS	
Hi-Index 1.60 Transitions®		-10.00 to +8.00 Cyl. to -4.00 ●●			-10.00 to +6.00 Cyl. to -6.00 (+0.75 to +4.00) ●●	-10.00 to +6.00 Cyl. to -6.00 ●●	
Hi-Index 1.67	-15.00 to +10.00 Cyl. to -4.00	-15.00 to +8.00 Cyl. to -6.00		-13.00 to +7.00 Cyl. to -4.00 (+1.00 to +3.50)	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00	
Clear Blue Filter 1.67		-15.00 to +8.00 Cyl. to -6.00			-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +7.50 Cyl. to -6.00	
Hi-Index 1.67 Polarized		-15.00 to +10.00 Cyl. to -6.00 ●●●				-13.00 to +6.00 Cyl. to -6.00 ●●●	
Hi-Index 1.67 Sensity® 2	-15.00 to +10.00 Cyl. to -4.00 ●●●●/SD/SS	-15.00 to +8.00 Cyl. to -6.00 ●●●●/SF/SD/SS		-13.00 to +7.50 Cyl. to -4.00 (+0.75 to +3.50) ●●●●/SF/SS	-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●●●/SF/SD/SS	-13.00 to +7.50 Cyl. to -6.00 ●●●●/SF/SD/SS	
Hi-Index 1.67 Transitions®		-10.00 to +8.00 Cyl. to -4.00 ●●/X/XP			-13.00 to +7.50 Cyl. to -6.00 (+0.75 to +4.00) ●●/X/XP	-13.00 to +7.50 Cyl. to -6.00 ●●/X/XP	
Hi-Index 1.74	-15.00 to +10.00 Cyl. to -4.00	-15.00 to +10.00 Cyl. to -6.00		-13.00 to +8.00 Cyl. to -4.00 (+0.75 to +3.50)	-13.00 to +8.00 Cyl. to -6.00 (+0.75 to +4.00)	-13.00 to +8.00 Cyl. to -6.00	

X = Transitions® XTRActive® New Generation XPG = Transitions® XTRActive® Polarized™ Gray SF = Sensity® Fast Gray & Brown SD = Sensity® Dark SS = Sensity® Shine  
 \*\* Sensity Shine, Sensity 2 Blue/Green add powers are available from +0.75 to +3.50.

# AR compatibility guide

Key	Super HiVision® Meiryō™ EX4™	Super HiVision® EX3+™ & EX3™	Recharge™	Super HiVision®	HiVision® w/VP																		
Warranty	2 Years/unlimited		2 Years/unlimited	2 Years/unlimited	2 Years/2 times																		
Designs	Plastic / Plastic CBF	Plastic Sensity 2	Plastic Transitions®	Plastic Polarized	Phoenix®	Phoenix® Sensity 2	Phoenix® Transitions®	Phoenix® Polarized	Poly / Poly CBF	Poly Sensity 2	Poly Transitions®	Poly Polarized	Hi-Index 1.60	Hi-Index 1.60 Sensity 2	Hi-Index 1.60 Transitions®	Hi-Index 1.60 Polarized	Hi-Index 1.67 / Hi-Index 1.67 CBF	Hi-Index 1.67 Sensity 2	Hi-Index 1.67 Transitions®	Hi-Index 1.67 Polarized	Hi-Index 1.74		
Refractive index	1.50	1.50	1.50	1.50	1.53	1.53	1.53	1.53	1.59	1.59	1.59	1.59	1.60	1.60	1.60	1.60	1.67	1.67	1.67	1.67	1.74		
Hoyalux iD MyStyle® 2																							
Hoyalux iD LifeStyle® 3																							
Hoyalux Array® 2/Wrap Hoyalux Array/Wrap																							
Summit® ecp/ cd BKS																							
Amplitude® BKS/Mini																							
Amplitude® HD3/Mini																							
iD Space™ iD Screen™ iD Zoom™																							
Tact® 40/60 BKS																							
Hoyalux GP Wide®																							
Sync III™																							
iD Single Vision™																							
MySV™ Single Vision iQ™																							
SV Aspheric SV																							
ST28 ST28 iQ™																							
ST35																							
RD24																							
STT7X28																							
STT8X35																							

\*Super HiVision Meiryō EX4, Super HiVision EX3+, Recharge, and Super HiVision automatically include the View Protect Performance.  
 \*\*Array 2 Wrap 1.74 only available in PAV or PAR.



# Three ways to grow your practice with HOYA



## HOYA Learning Center™ – your interactive learning management system for you and your staff.

Gain access to tools, resources, job status, and support by signing up for the HOYA Hub.

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Support for the HOYA Learning Center is available by calling **972.221.4141** or emailing **hlchelp@hoya.com**

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HOYA Marketplace is a comprehensive Webshop that caters to the needs of eye care professionals. It offers a diverse range of products, including patient brochures, and practice demonstration tools. Whether you're looking to enhance patient education, refine your practice's communication, or explore new lens options; HOYA Marketplace provides a convenient platform to order and access these essential resources.

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Visit HOYA Marketplace today via the HOYA Hub. For more information contact your HOYA Territory Sales Manager or email: **marketplaceus@hoya.com**

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