



GENUINE SINCE 1937

RAY-BAN
AUTHENTIC

JULY 2021

INDEX

HISTORY OF THE BRAND

Where we come from	05
It all started in the early years of aviation, close to a century ago	06
Our story continues	07

RAY-BAN AUTHENTIC IS NOW POWERED BY THE EXPERT IN LENS TECHNOLOGY - THE ESSILOR GROUP

What's new in the offer?	10
The all-new Ray-Ban Authentic complete pair	11
Perfect fit	12
Ray-Ban signature	13
Authentic lens colors and frame shapes	14
Original and guaranteed	15

RAY-BAN AUTHENTIC: OUR NEW OFFER

Ray-Ban Authentic clear lenses	18
Ray-Ban Authentic sun lenses	20
Ray-Ban Authentic kids lenses	21
Color offer	22
Polarized lenses	24
Chromance lenses	25
Filters category sun-RX lenses	26

RAY-BAN AUTHENTIC: PRODUCTS AND TECHNOLOGIES

OUR OFFER: CLEAR SINGLE VISION LENSES	
Clear single vision lenses: features	31
Clear single vision lenses: design benefits	32
OUR OFFER: CLEAR PROGRESSIVE LENSES	
Clear progressive lenses: features	35
Clear progressive lenses: design benefits	36
OUR OFFER: SUN LENSES	
Sun single vision lenses: features	39
Sun single vision lenses: design benefits	40
Sun progressive lenses: features	41
Sun progressive lenses: design benefits	42
OUR OFFER: KIDS LENSES	
Ray-Ban Authentic Kids: our clear lenses offer	45
Ray-Ban Authentic Kids: our sun lenses offer	46

RAY-BAN AUTHENTIC: WHERE LEGENDARY STYLE MEETS GREAT SIGHT

Ray-Ban's new Authentic complete pair consists of	50
Transitions® XTRActive®	51
Transitions® Signature® GEN8™	52
Thinning Technology	54
Flat design	55
Clear lenses on sun	56
Ray-Ban Blue Light Ease	57
Ray-Ban AR coatings	58

AVAILABILITY

Transitions® availability	62
Color offer availability	64

TECHNICAL SHEET

CLEAR LENSES	
Clear single vision lenses	69
Clear progressive lenses	78
Clear lenses on sun	83
SUN LENSES	
Sun single vision lenses	87
Sun progressive lenses	91
KIDS LENSES	
Kids clear lenses	95
Kids sun lenses	98

OTHER INFORMATION

Customer service center	101
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HISTORY OF THE BRAND





WHERE WE COME FROM

IN THE 1930s, HIGH-QUALITY SUNGLASSES WERE DEVELOPED TO BAN THE SUN'S HARSH RAYS AND PROTECT PILOTS' EYES; RAY-BAN WAS BORN.

WHAT WE DO

Since 1937 Ray-Ban has been dedicated to one thing and one thing only: producing the very best eyewear for today's highflyers.

WHAT WE STAND FOR

Empowering future makers and culture creators everywhere to express their fearless and most authentic selves.

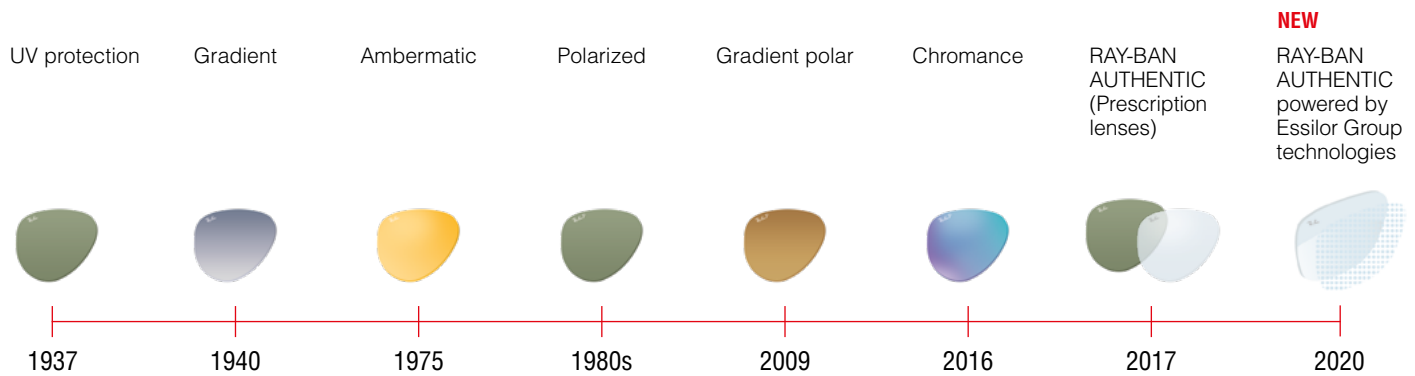


The legend starts back in the 30s when US Air Force pilots complained the bright sunlight was giving them headaches and altitude sickness. In 1929 a new kind of glasses were introduced with innovative green lenses that could protect pilots' eyes from glare at high altitudes while ensuring a clear field of vision - Ray-Ban was born.

This new "anti-glare" eyewear went on sale to the public in 1937 with the now classic Aviator shape in a plastic frame and the iconic green G-15 lenses. The following year the sunglasses were remodelled with a metal frame and rebranded as the Ray-Ban Aviator, arguably the most famous sunglasses ever made.

The brand continuously invested in research and development of hi-tech innovations (such as gradient mirror lenses) and the popularity of Ray-Ban soon spread from pilots to anyone with an outdoor lifestyle. Ray-Ban soon established itself as the brand for high-flyers.

IT ALL
STARTED
IN THE EARLY
YEARS OF
AVIATION,
CLOSE TO
A CENTURY
AGO



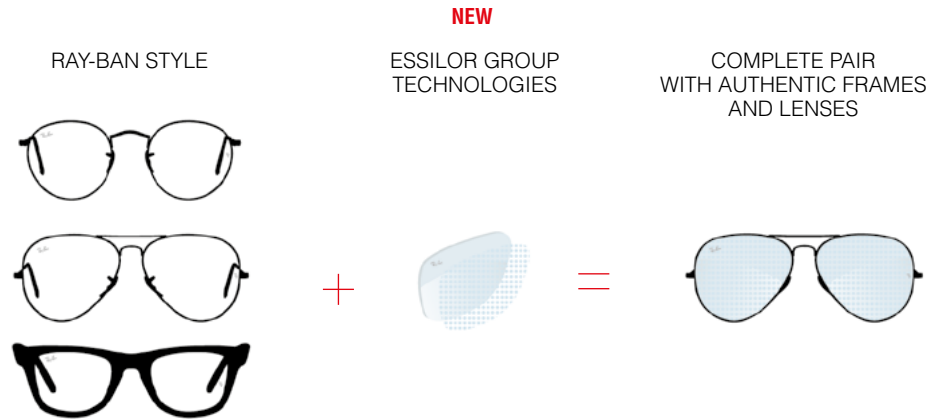
OUR STORY CONTINUES

The Ray-Ban story continues with Ray-Ban Authentic prescription lenses, a revolutionary new way to enjoy crystal-clear vision with the looks you love. For stylish customers who don't want to compromise on vision quality and are looking for the full Ray-Ban experience.

Ray-Ban, the world's most beloved eyewear brand, is now powered by the expert in lens technology - the Essilor Group. Bringing together iconic style with premium vision performance.

**RAY-BAN
AUTHENTIC IS NOW
POWERED BY THE
EXPERT IN LENS
TECHNOLOGY = THE
ESSILOR GROUP**





Ray-Ban has joined forces with the Essilor Group, world leader in ophthalmic optics, to create the ultimate Ray-Ban Authentic complete pair. A new category of prescription eyewear, where frame and lens are designed together from the start to offer to all our customers unique vision solutions.

The new Ray-Ban Authentic complete pair offers the iconic style of Ray-Ban frames combined with best-in-class innovations in lens technology from Essilor Group for consumers who demand the very best in stylish prescription eyewear.

WHAT'S
NEW IN THE
OFFER?

THE ALL-NEW RAY-BAN AUTHENTIC COMPLETE PAIR

PERFECT FIT
RAY-BAN SIGNATURE
AUTHENTIC LENS COLORS AND FRAME SHAPES
ORIGINAL AND GUARANTEED

The all-new Ray-Ban Authentic complete pair is where Ray-Ban style meets Essilor's best-in-class lens technology. Matching your most beloved Ray-Ban looks with flawlessly fitted prescription lenses for crystal-clear vision all day, every day.

Each pair of Ray-Ban Authentic glasses is built to the wearer's individual prescription and cut and fitted seamlessly to their favorite frame. The look is completed with the iconic Ray-Ban signature, a stamp of authenticity and guarantee of quality.

Each Ray-Ban Authentic complete pair is built to meet each individual consumer's vision needs, by customizing Essilor's digitally enhanced lenses to the consumer's prescription, and seamlessly fitting them into any chosen Ray-Ban frame. The result is a unique pair of authentic Ray-Ban prescription eyeglasses for stylish consumers who demand the best.



NEW RAY-BAN FRAME
HIGH QUALITY ASSEMBLY

AUTHENTIC RAY-BAN LENSES POWERED
BY ESSILOR GROUP TECHNOLOGIES
AVAILABLE MADE TO ORDER

ORIGINAL PACKAGING
AND DELIVERY OF COMPLETE PAIR
OF GLASSES TO POINT OF SALE



+



=



PERFECT FIT

Ray-Ban is revolutionizing the world of prescription lenses with a unique, customized approach. Ray-Ban's Authentic prescription eyewear is now powered by Essilor lenses, benefiting from Essilor's best-in-class lens features and pioneering lens technologies. Guaranteeing our consumers the very best in vision correction and an authentic Ray-Ban experience.

Over decades, we have fine-tuned the process of lens manufacturing and lens-to-frame fitting, so each personalized Ray-Ban prescription lens is cut to fit its frame perfectly.

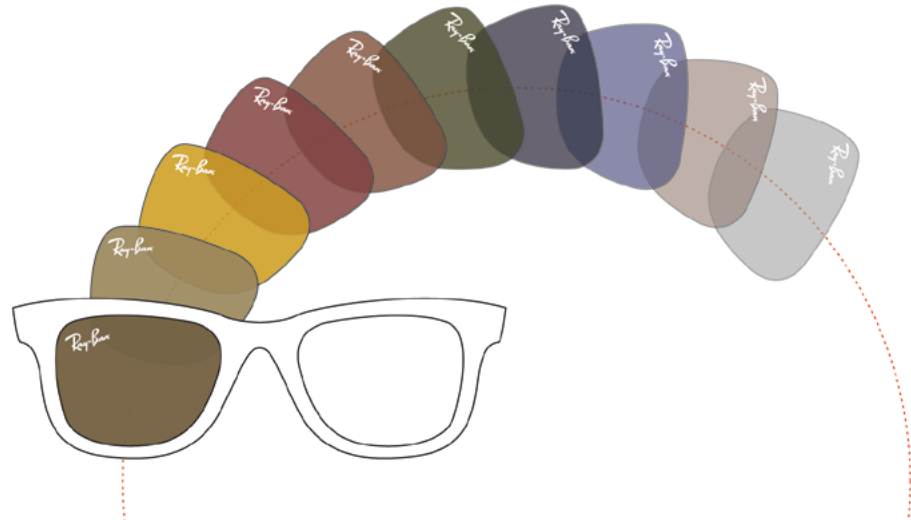
Each Ray-Ban Authentic frame and lenses are built from start to finish, tailor-made to consumers' exact vision needs, and seamlessly fitted to their signature frame. Every Ray-Ban Authentic complete pair promises your consumer the vision they need with the style they love.



Air force fighter pilots first pulled on our iconic shades 80 years ago. While technology has advanced immeasurably since then, one thing has remained constant: whenever you see our unmistakable logo, you are guaranteed unrivalled Ray-Ban quality.

And now there is the same stamp of authenticity on our Ray-Ban prescription lenses too. The logo sits in the corner of the right lens and the RB initials are engraved on the left.

RAY-BAN
SIGNATURE



AUTHENTIC LENS COLORS AND FRAME SHAPES

Ray-Ban's iconic frames have stood the test of time and now our consumers can enjoy the timeless Ray-Ban styles they love with the prescription lenses they need. We have perfected the art of lens manufacturing and fitting over the last 8 decades to ensure that customized prescription lenses are seamlessly fitted to our customers' favorite frames.

Color is a major part of the Ray-Ban look and our prescription lenses are no different. Ray-Ban Authentic prescription lenses are available in a wide variety of beloved colors and shapes.



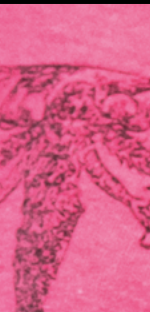
Ray-Ban Authentic prescription eyewear guarantees our customers an unrivalled vision experience.

Every pair of Ray-Ban prescription glasses comes with a certificate of quality and authenticity, and the original Ray-Ban signature on the lens as an iconic mark of quality and style.

**ORIGINAL AND
GUARANTEED**

RAY-BAN
AUTHENTIC:
OUR NEW
OFFER

RAY-BAN AUTHENTIC:
OUR NEW OFFER





RAY-BAN AUTHENTIC CLEAR LENSES

SINGLE VISION

RAY-BAN SV TUNED



→ Clear and comfortable vision correction solution

RAY-BAN SV EQUALIZED



→ High vision resolution with optimized sharpness

RAY-BAN SV AMPLIFIED



→ Designed to help relieve wearers' eye fatigue from their connected lifestyles

EACH OFFER IS RECOMMENDED WITH THESE ESSILOR GROUP TECHNOLOGIES

LEGENDARY STYLE



RAY-BAN SIGNATURE



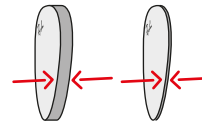
Authentic Ray-Ban Signature

TRANSITIONS® LENSES



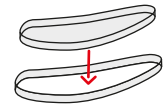
Don't compromise between protection and style with Transitions® Signature® Gen 8™

THINNING TECHNOLOGY



Lens thickness reduction for hyperopes

EDGING & MOUNTING

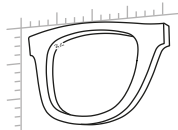


Specific edging and mounting process to refine aesthetics

GREAT SIGHT

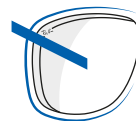


FRAME OPTIMIZED



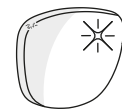
Lens design adjusted to Ray-Ban frame measures

RAY-BAN BLUE LIGHT EASE



Embedded UV and Blue Light filter**

RAY-BAN AR OPTIMIZED*



High level of lens transparency and scratch resistance

* Ray-Ban AR Classic available in Ray-Ban Tuned and Ray-Ban Equalized.




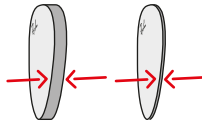
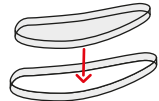

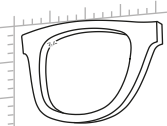


** Blue light: up to 455nm, with the greatest toxicity between 415-455nm. For Polycarbonate concave lenses, the blue light blocking percentage might be slightly lower.

RAY-BAN AUTHENTIC CLEAR LENSES

PROGRESSIVE

RAY-BAN PAL BASE ★	RAY-BAN PAL TUNED ★★	RAY-BAN PAL EQUALIZED ★★★	RAY-BAN PAL AMPLIFIED ★★★★
→ An easy-to-adapt progressive lens for clear and comfortable vision	→ A well-balanced progressive lens enhanced with an optimized intermediate vision	→ Advanced progressive lens with wide fields of vision for an accurate vision at distances	→ High-end progressive lens providing sharp vision and freedom in body posture, with large intermediate vision

EACH OFFER IS RECOMMENDED WITH THESE ESSILOR GROUP TECHNOLOGIES

<p>LEGENDARY STYLE</p> 	<p>RAY-BAN SIGNATURE</p>  <p>Authentic Ray-Ban Signature</p>	<p>TRANSITIONS® LENSES</p>  <p>Don't compromise between protection and style with Transitions® Signature® Gen 8™</p>	<p>THINNING TECHNOLOGY</p>  <p>Lens thickness reduction for hyperopes</p>	<p>EDGING & MOUNTING</p>  <p>Specific edging and mounting process to refine aesthetics</p>
<p>GREAT SIGHT</p> 	<p>FRAME OPTIMIZED</p>  <p>Lens design adjusted to Ray-Ban frame measures</p>	<p>RAY-BAN BLUE LIGHT EASE</p>  <p>Embedded UV and Blue Light filter**</p>	<p>RAY-BAN AR OPTIMIZED*</p>  <p>High level of lens transparency and scratch resistance</p>	

* Ray-Ban AR Classic available in Ray-Ban Tuned and Ray-Ban Equalized.

** Blue light: up to 455nm, with the greatest toxicity between 415-455nm. For Polycarbonate concave lenses, the blue light blocking percentage might be slightly lower.

RAY-BAN AUTHENTIC SUN LENSES

SINGLE VISION

RAY-BAN SV EQUALIZED



→ Clear and comfortable vision correction solution

RAY-BAN SV AMPLIFIED



→ High vision resolution under the sun

PROGRESSIVE

RAY-BAN PAL BASE



→ Clear and comfortable vision correction solution, at all distances

RAY-BAN PAL EQUALIZED



→ High resolution vision under the sun, at all distances

EACH OFFER IS RECOMMENDED WITH THESE ESSILOR GROUP TECHNOLOGIES

LEGENDARY STYLE

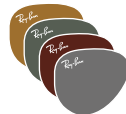


RAY-BAN SIGNATURE



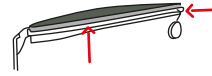
Authentic Ray-Ban Signature

LARGEST SUN RX COLLECTION



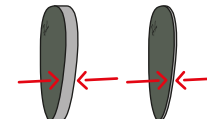
The largest sun RX collection close to plano with Ray-Ban*

LENS CURVE ALIGNMENT



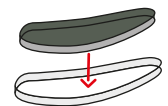
Seamless match between frame base and lens front surface

THINNING TECHNOLOGY



Lens thickness reduction for hyperopes

EDGING & MOUNTING

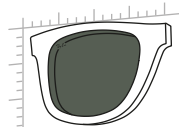


Specific edging and mounting process to refine aesthetics

GREAT SIGHT

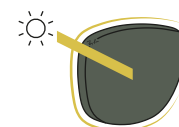


FRAME OPTIMIZED



Lens design adjusted to Ray-Ban frame measures

UV PROTECTION



Protection against harmful UV light

* Largest collection among complete pair offers WW – Internal Essilor studies. In number of colors and SKUs available with vision correction – Dec. 2019.

RAY-BAN AUTHENTIC KIDS CLEAR LENSES

CLEAR LENSES

RAY-BAN BASE



→ Clear Vision

SUN LENSES

RAY-BAN EQUALIZED



→ Clear and comfortable vision correction solution

EACH OFFER IS RECOMMENDED WITH THESE ESSLOR GROUP TECHNOLOGIES

LEGENDARY STYLE

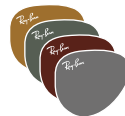


RAY-BAN SIGNATURE



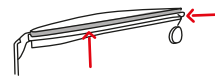
Authentic Ray-Ban Signature

LARGEST SUN RX COLLECTION



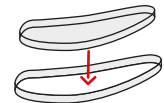
The largest sun RX collection close to plano with Ray-Ban*

LENS CURVE ALIGNMENT



Seamless match between frame base and lens front surface

EDGING & MOUNTING



Specific edging and mounting process to refine aesthetics

GREAT SIGHT

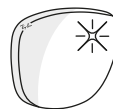


RAY-BAN BLUE LIGHT EASE



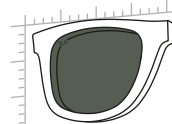
Embedded UV and Blue Light filter**

RAY-BAN AR OPTIMIZED



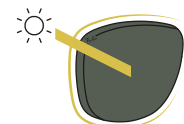
High level of lens transparency and scratch resistance

FRAME OPTIMIZED



Lens design adjusted to Ray-Ban frame measures

UV PROTECTION



Protection against harmful UV light

* Largest collection among complete pair offers WW – Internal Essilor studies. In number of colors and SKUs available with vision correction – Dec. 2019.

**Blue light: up to 455nm, with the greatest toxicity between 415-455nm. For Polycarbonate concave lenses, the blue light blocking percentage might be slightly lower.

COLOR OFFER

We've drawn on decades of lens manufacturing expertise to fine-tune our fitting process, ensuring that your consumers can still opt for the Ray-Ban style they love with the vision they need. Color is a major part of the Ray-Ban look, and our prescription lenses are no different.

Ray-Ban prescription lenses are available in a wider selection of our best-loved color shades and shape etched with the unmistakable Ray-Ban signature.

Each pair is built by Ray-Ban, tailor-made to your consumers exact prescription, and crafted to their signature frame.



SOLID LENSES



G-15
POLARIZED
Base Color: G-15
NON-POLARIZED
Base Color: G-15



B-15
POLARIZED
Base Color: B-15
NON-POLARIZED
Base Color: B-15



BLUE
NON-POLARIZED
Base Color: BLUE



INDIGO
NON-POLARIZED
Base Color:
DARK BLUE

NEW



VIOLET
NON-POLARIZED
Base Color:
DARK VIOLET

NEW

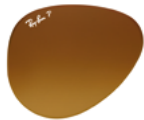
GRADIENT LENSES



**BLUE
POLARIZED**
Base Color: BLUE



**GREY
POLARIZED**
Base Color: GREY



**BROWN
POLARIZED**
Base Color: BROWN



**LIGHT BLUE
NON-POLARIZED**
Base Color: CLEAR
GRADIENT BLUE

NEW



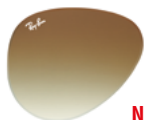
**LIGHT GREY
NON-POLARIZED**
Base Color:
LIGHT GREY GRADIENT
– DARK GREY

NEW



**DARK GREY
NON-POLARIZED**
Base Color:
LIGHT GREY GRADIENT
– DARK GREY

NEW



**LIGHT BROWN
NON-POLARIZED**
Base Color:
CLEAR GRADIENT
BROWN

NEW

MIRROR LENSES



**ORANGE
POLARIZED**
Base Color: BROWN



**BLUE
POLARIZED**
Base Color: GREY
NON-POLARIZED
Base Color: GREEN



**SILVER
POLARIZED**
Base Color: GREY
NON-POLARIZED
Base Color: GREEN



**COPPER
NON-POLARIZED**
Base Color: PINK



**GREEN SILVER
NON-POLARIZED**
Base Color: GREEN

NEW

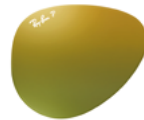
CHROMANCE LENSES



**GREEN MIRROR BLUE
POLARIZED**
Base Color: GREEN
CHROMANCE



**GREY MIRROR
GREY GRADIENT
POLARIZED**
Base Color: GREY
CHROMANCE



**GREEN MIRROR
GOLD GRADIENT
POLARIZED**
Base Color: GREEN
CHROMANCE



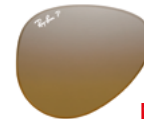
**PURPLE MIRROR
GOLD GRADIENT
POLARIZED**
Base Color:
PURPLE MIR
GOLD GRADIENT

NEW



**BROWN MIRROR
GOLD GRADIENT
POLARIZED**
Base Color:
BROWN MIR
GOLD GRADIENT

NEW



**BROWN MIRROR
SILVER GRADIENT
POLARIZED**
Base Color:
BROWN MIR
SILVER GRADIENT

NEW

POLARIZED LENSES



Polarized lenses shield the eyes from dazzling reflections produced by horizontal surfaces. This is why polar lenses are the last word in terms of technology and comfort.

BENEFITS

- Eliminate glare: polarization blocks the blinding glare that bounces off horizontal surfaces
- Sharpen contrasts: improves details showing clearly defined borders
- Boost visual clarity: polarization improves visual acuity and realistic perception



Ray-Ban Chromance is the lens technology which combines the polar protection with a stunning color enhancement that will totally change color perception. Every Chromance lens prevent 99% of intense reflected light (aka glare) from distracting consumers' vision.

THE ADVANTAGES OF CHROMANCE LENSES




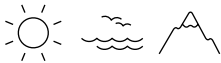
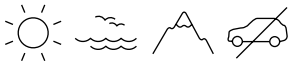
- Enhanced contrast: lens technology with high contrast pigments that emphasize the color intensity, ensuring the distinction between colors clearer than before
- Brighter colors: thanks to the elaborations of the lens tinting, color distortion is avoided and, consequently, perception of colors is brighter than ever before
- Better clarity: chromance lenses with polarized filters protect the eyes and eliminate glare

CHROMANCE LENSES

FILTERS CATEGORY SUN-RX LENSES









































COLORS AND TREATMENTS

5 categories have been defined for colored, photochromic and sun lenses.
The wearer needs to be informed about the category and the respective directions for use.
The table is updated to the standard UNI EN ISO 12312-1-2015

CAT 0	CAT 1	CAT 2	CAT 3	CAT 4
TRANSMITTANCE FROM 80% TO 100%	TRANSMITTANCE FROM 43% TO 80%	TRANSMITTANCE FROM 18% TO 43%	TRANSMITTANCE FROM 8% TO 18%	TRANSMITTANCE FROM 3% TO 8%
Clear or slightly tinted lenses. Photochromic lenses in clear state.	Slightly tinted lenses	Medium tinted lenses	Dark lenses Photochromic lenses in dark state	Very Dark lenses
INDOOR CLOUDY SKY	SOFT SUNLIGHT	AVERAGE SUNLIGHT	STRONG SUNLIGHT	INTENSE SUNLIGHT
				

TRANSITIONS®

PHOTOCHROMIC	CLEAR LENS	DARK LENS		
	FILTER CATEGORY	FILTER CATEGORY	DAY DRIVE	NIGHT DRIVE
TRANSITIONS® SIGNATURE® GEN8™ - ALL INDEXES	0	3	YES	YES
TRANSITIONS® SIGNATURE® GEN8™ - AMBER - ALL INDEXES	0	2	YES	YES
TRANSITIONS® XTRACTIVE® - INDEXES 1.67, 1.6, 1.5	0	3	YES	YES

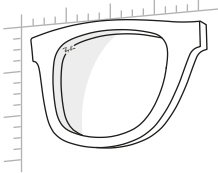
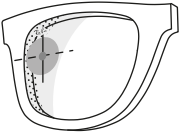
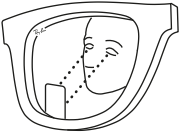
		LENS COLOR	LIGHT TRANSMISSION (%)	MIRROR COLOR	FILTER CATEGORY	DAY DRIVE	NIGHT DRIVE
POLARIZED	SOLID	 BROWN B-15	13,4%	-	3	YES	NO
		 GREEN G-15	15,3%	-	3	YES	NO
	GRADIENT	 BLUE	20,4%	-	2	YES	NO
		 BROWN	18,6%	-	2	YES	NO
		 GREY	27,7%	-	2	YES	NO
	MIRROR SOLID	 GREY	11,3%	 BLUE	3	YES	NO
		 BROWN	14,4%	 ORANGE	3	YES	NO
		 GREY	10,5%	 SILVER	3	YES	NO
	MIRROR CHROMANCE	 GREEN	13,3%	 BLUE	3	YES	NO
		 GREEN	12,9%	 GRADIENT GOLD	3	YES	NO
		 GREY	16,7%	 GRADIENT SILVER	3	YES	NO
		 BROWN NEW	15,9%	 GRADIENT GOLD	3	YES	NO
		 BROWN NEW	11,2%	 GRADIENT SILVER	3	YES	NO
			 PURPLE NEW	9,5%	 GRADIENT GOLD	3	YES
COLORED (NON-POLARIZED)	SOLID	 BLUE	11,9%	-	3	YES	NO
		 BROWN B-15	16,0%	-	3	YES	NO
		 GREEN G-15	12,8%	-	3	YES	NO
		 INDIGO NEW	17,1%	-	3	YES	NO
		 VIOLET NEW	17,0%	-	3	YES	NO
	GRADIENT	 LIGHT BROWN NEW	61,8%	-	1	YES	NO
		 DARK GREY NEW	22,8%	-	2	YES	NO
		 LIGHT BLUE NEW	56,9%	-	1	YES	NO
		 LIGHT GREY NEW	25,0%	-	2	YES	NO
	MIRROR SOLID	 GREEN NEW	11,1%	 BLUE	3	YES	NO
		 PINK/ORANGE	20,8%	 COPPER	2	YES	NO
		 GREEN G-15	10,3%	 FLASH SILVER	3	YES	NO
		 GREEN	9,8%	 SILVER	3	YES	NO

RAY-BAN
AUTHENTIC:
PRODUCTS AND
TECHNOLOGIES

OUR OFFER:
CLEAR SINGLE
VISION LENSES



CLEAR SINGLE VISION LENSES FEATURES

		RAY-BAN TUNED	RAY-BAN EQUALIZED	RAY-BAN AMPLIFIED
 <p>FRAME OPTIMIZED</p> <p>By utilizing our proprietary frame database, the new Ray-Ban lens design brings elevated visual clarity and quality for every unique wearer and with any chosen Ray-Ban frame.</p>			X	X
 <p>OPTIMIZED SURFACE</p> <p>Ray-Ban lenses have a complex digitally enhanced back surface that can calculate the optimal surface on every angle gaze for visual acuity across the entire lens.</p>			X	X
 <p>SCREEN-PROOF</p> <p>An increasingly digital lifestyle requires more effort from your eyes to constantly focus and process images. Ray-Ban's screen-proof lens features helps reduce the strain on your eyes from digital devices.</p>				X

CLEAR SINGLE VISION LENSES

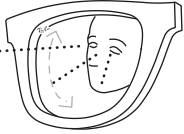
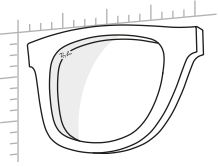
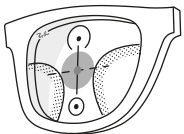
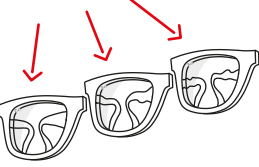

DESIGN BENEFITS

RAY-BAN SV TUNED	RAY-BAN SV EQUALIZED	RAY-BAN SV AMPLIFIED
★★	★★★	★★★★
CONSUMER BENEFITS: → Clear and comfortable vision	CONSUMER BENEFITS: → Instant clear and precise vision, in any gaze direction → Increased contrast sensitivity	CONSUMER BENEFITS: → Instant sharp and comfortable vision → Support accommodation effort and reduce eye fatigue → Adapted to digital lifestyles
FOR CUSTOMERS WHO: → Want clear vision → Are price sensitive	FOR CUSTOMERS WHO: → Want sharp and contrasted vision → Want good value for money	FOR CUSTOMERS WHO: → Are connected users with an active lifestyle → Seek visual fatigue reduction especially on digital devices
→ Sharper vision whatever gaze direction	→ Visual boost of 0.3 - 0.6 - 0.9 diopters in the lower part of the lens: → Support accommodation effort in near vision → Reduced eye fatigue	

OUR OFFER:
CLEAR
PROGRESSIVE
LENSES



CLEAR PROGRESSIVE LENSES FEATURES

		RAY-BAN BASE	RAY-BAN TUNED	RAY-BAN EQUALIZED	RAY-BAN AMPLIFIED
 <p>PREMIUM BALANCE</p> <p>Our Authentic lenses provide optimum balance between far and near focus with limited aberration ensuring clear vision at any distance.</p>		X	X	X	X
 <p>FRAME OPTIMIZED</p> <p>By utilizing our proprietary frame database, the new Ray-Ban lens design can provide the intended level of visual acuity and clarity for every unique wearer and selected Ray-Ban frame.</p>			X	X	X
 <p>SCREEN-PROOF</p> <p>This advanced feature expands intermediate vision with virtually no compromise to the far and near zones. As a result Ray-Ban Authentic wearers can comfortably switch between their digital devices and far and near zones.</p>			X	X	X
 <p>ALL DAY COMFORT</p> <p>By taking into account the postures required for various vision corrections, Ray-Ban Authentic provides optimal vision comfort with a more natural head and eye posture. Guaranteeing comfort all day long.</p>				X	X
 <p>INDIVIDUALLY CUSTOMIZED</p> <p>A different lens design is used for each specific type of ametropia. As a result, the wearer can easily adapt to their lenses without straining their eyes.</p>					X

CLEAR PROGRESSIVE LENSES

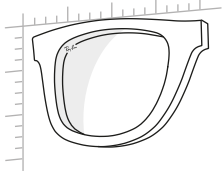
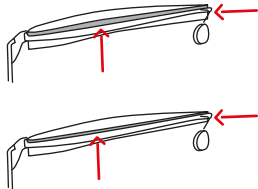
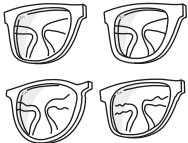
DESIGN BENEFITS

RAY-BAN PAL BASE ★	RAY-BAN PAL TUNED ★★	RAY-BAN PAL EQUALIZED ★★★	RAY-BAN PAL AMPLIFIED ★★★★
<p>CONSUMER BENEFITS:</p> <ul style="list-style-type: none"> → Clear and comfortable vision → Easy-to-adapt lens <p>FOR CUSTOMERS WHO:</p> <ul style="list-style-type: none"> → Want clear vision in their daily activities → Are price sensitive 	<p>CONSUMER BENEFITS:</p> <ul style="list-style-type: none"> → Comfortable and accurate vision → Easy-to-adapt lens → Adapted to digital lifestyles <p>FOR CUSTOMERS WHO:</p> <ul style="list-style-type: none"> → Are digital users → Want good vision at all distances → Want good value for money 	<p>CONSUMER BENEFITS:</p> <ul style="list-style-type: none"> → Comfortable and accurate vision → Effortless vision adapted to wearer's vision profile → Adapted to digital lifestyles <p>FOR CUSTOMERS WHO:</p> <ul style="list-style-type: none"> → Are active wearers, living in a connected life → Want better vision at all distances 	<p>CONSUMER BENEFITS:</p> <ul style="list-style-type: none"> → Excellent vision comfort at any distance → Respects natural head and eyes postures → Adapted to digital lifestyles <p>FOR CUSTOMERS WHO:</p> <ul style="list-style-type: none"> → Are multitaskers with a digital life → Seek maximum comfort and optimal vision in the most natural posture
<p>→ Optimized mid-distance vision and increased visual field of view</p>	<p>→ Suitable for active lifestyles</p> <p>→ Smoother transitions</p> <p>→ Customized lenses to each wearer's profile</p>	<p>→ High-end progressive lenses, providing optimal comfort at any distance</p>	

OUR OFFER: SUN LENSES



SUN SINGLE VISION LENSES FEATURES

	RAY-BAN EQUALIZED	RAY-BAN AMPLIFIED
 <p>FRAME OPTIMIZED</p> <p>By utilizing our proprietary frame database, the new Ray-Ban lens design brings elevated visual clarity and quality for every unique wearer and with any chosen Ray-Ban frame.</p>	X	X
 <p>LENS CURVE ALIGNMENT</p> <p>Frame and lens fit seamlessly together to improve the overall look, so there's no difference in aesthetics between prescription and non-prescription Ray-Ban.</p> <p>(with the exception of severe need of correction)</p>	X	X
 <p>CONSISTENT EXPERIENCE</p> <p>With an expanded collection of designs, Ray-Ban Equalized (Sun RX) offers a new level of lens performance for a wide variety of frames. Now consumer can enjoy more consistent vision regardless of the frame.</p>		X

SUN SINGLE VISION LENSES

DESIGN BENEFITS

RAY-BAN SV EQUALIZED

★ ★ ★

CONSUMER BENEFITS:

→ Clear and comfortable vision

FOR CUSTOMERS WHO:

- Want clear vision under the sun
- Are price sensitive

RAY-BAN SV AMPLIFIED

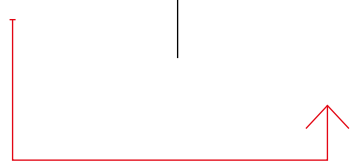
★ ★ ★ ★

CONSUMER BENEFITS:

- Sharp and comfortable vision
- Increased contrast sensitivity

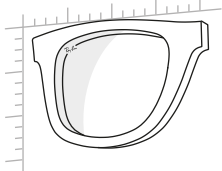
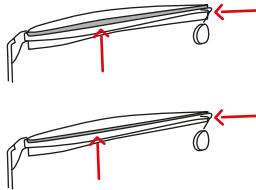
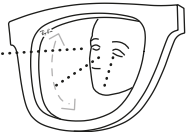
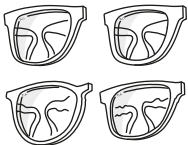
FOR CUSTOMERS WHO:

- Have an active outdoors lifestyle
- Want sharp vision under the sun



→ Higher lens performance that guarantees the same visual quality for different types of frames

SUN PROGRESSIVE LENSES FEATURES

	RAY-BAN BASE	RAY-BAN EQUALIZED
 <p>FRAME OPTIMIZED</p> <p>By utilizing our proprietary frame database, the new Ray-Ban lens design can provide the intended level of visual acuity and clarity for every unique wearer and selected Ray-Ban frame.</p>	X	X
 <p>LENS CURVE ALIGNMENT</p> <p>A different lens design is used for each specific type of ametropia. As a result, the wearer can easily adapt to their lenses without straining their eyes.</p> <p>(with the exception of severe need of correction)</p>	X	X
 <p>PREMIUM BALANCE</p> <p>Our Authentic lenses provide optimum balance between far and near focus with limited aberration ensuring clear vision at any distance.</p>	X	X
 <p>CONSISTENT EXPERIENCE</p> <p>With an expanded collection of designs, Ray-Ban Equalized (Sun RX) offers a new level of lens performance for a wide variety of frames. Now consumer can enjoy more consistent vision regardless of the frame.</p>		X

SUN PROGRESSIVE LENSES

DESIGN BENEFITS

RAY-BAN PAL BASE



CONSUMER BENEFITS:

- Clear and comfortable vision correction solution, at all distances

FOR CUSTOMERS WHO:

- Want clear vision under the sun
- Are price sensitive

RAY-BAN PAL EQUALIZED




CONSUMER BENEFITS:

- Sharp and comfortable vision, at all distances
- Increased contrast sensitivity

FOR CUSTOMERS WHO:

- Have an active outdoors lifestyle
- Look for sharp vision under the sun

- 
- Comfortable and accurate vision at any distance

OUR OFFER: KIDS LENSES





INDEXES

Available in 1,59 polycarbonate in Ray-Ban AR Optimized and Ray-Ban Blue Light Ease.

For stylish kids who shouldn't have to compromise on their active lifestyles. With Ray-Ban Authentic complete pair, young trendsetters can enjoy clear vision and ultimate comfort every day.

Their Ray-Ban Authentic eyewear is tailored to each child's individual prescription, cut and fitted seamlessly into the frame and finished off with the iconic Ray-Ban logo, a stamp of authenticity and guarantee of quality.

With their very own Ray-Ban Authentic complete pair, kids can enjoy iconic Ray-Ban style matched with innovative lens technologies, enhanced protection and all-day comfort.

Ray-Ban's Authentic prescription lenses are integrated with blue-light and UV filters to keep harmful rays away from young eyes and all lenses are treated with AR coating for extra toughness.

RAY-BAN AUTHENTIC KIDS: OUR CLEAR LENSES OFFER

INDEXES

Available in 1,59 polycarbonate in Premium AR



RAY-BAN AUTHENTIC KIDS: OUR SUN LENSES OFFER

Ray-Ban Authentic sunglasses offers young trendsetters clear vision, ultimate comfort and the UV protection their young eyes need. A child's eyes are more sensitive and less naturally protected than those of an adult. Medical specialist insist of the need to protect children's eyes in all their outdoor activities, especially in conditions of extreme sun exposure.

Ray-Ban's Authentic complete pair sunglasses keep your kid's eyes safe without compromising on comfort or style.

INDEXES

Available in 1,59 polycarbonate in Premium AR



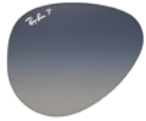
POLARIZED



G-15



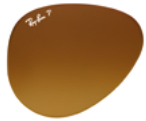
B-15



BLUE GRADIENT



GREY GRADIENT



BROWN GRADIENT



BLUE MIRROR



SILVER MIRROR



ORANGE MIRROR

NON-POLARIZED



G-15 GREEN



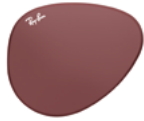
B-15 BROWN



BLUE



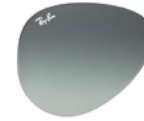
INDIGO



VIOLET



LIGHT BLUE GRADIENT



LIGHT GREY GRADIENT



DARK GREY GRADIENT



LIGHT BROWN GRADIENT



BLUE MIRROR



SILVER MIRROR



COPPER MIRROR



GREEN SILVER MIRROR

RAY-BAN
AUTHENTIC:
WHERE
LEGENDARY
STYLE MEETS
GREAT SIGHT

RAY-BAN AUTHENTIC:
WHERE LEGENDARY STYLE
MEETS GREAT SIGHT







RAY-BAN'S NEW AUTHENTIC COMPLETE PAIR CONSISTS OF:



LEGENDARY STYLE

- TRANSITIONS® LENSES
- THINNING TECHNOLOGY
- FLAT DESIGN
- CLEAR ON SUN



GREAT SIGHT

- ESSILOR GROUP TECHNOLOGIES
- BLUE LIGHT EASE
- AR COATINGS

TRANSITIONS® XTRACTIVE®



Transitions® XTRActive® lenses are extra dark for extra protection from light. Ideal for high light sensitive eyeglasses wearers.

BENEFITS

- **EXTRA DARK OUTDOORS**
Transitions® XTRActive® lenses are extra dark outdoors, uniquely designed for extra light protection, even in the brightest sunlight and the hottest conditions.
- **EXTRA PROTECTION**
Transitions® XTRActive® lenses block 100% of UV light and help protect against harmful blue light indoor and outdoor. Blocks up to 3X more harmful blue light than a clear.
- **DARKENS IN THE CAR**
Transitions® XTRActive® lenses activate in your car protecting your eyes from glare, sunlight and car headlights.

PROTECTION AND STYLE

Available in the three iconic colors.



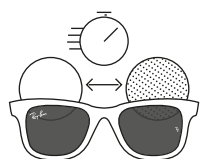
(1) Transitions® Optical Life360™ live wearerstestingin US, France, China (IFOP 2016/2017). N=117 eyeglasswearers.
(2) Quality of Vision and Vision Experience Test in Controlled Lab Situations (LabWearerTesting), U.S., Eurosyn, Q4 2019, N=135
(3) Claim is based on tests across materials @23°C on grey lenses, being the most popular color.

(4) Transitions® XTRActive® lenses block 34% to 36% of harmful blue light indoors excluding CR607 Transitions® XTRActive® products which block 27% to 31%. The 3 times comparison refers to typical clear 1.50 and polycarbonate hard-coatedlenses.

TRANSITIONS® SIGNATURE® GEN8™



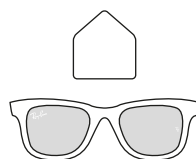
THE BEST OVERALL PHOTOCHROMIC LENS⁽¹⁾



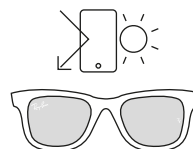
Fade back
3 minutes faster
than Transitions®
Signature® VII



Even darker
than Transitions®
Signature® VII



Fully clear indoors



Blocks 100% UVA
& UVB rays and filters
2x more blue light than
clear lenses indoors



Long lasting
performance

BREAKTHROUGH TECHNOLOGY. NEW FRONTIER OF PERFORMANCE

→ NANO-COMPOSITE MATRIX

Create zones where the dyes can more freely activate and fadeback faster, without sacrificing darkness or durability.

→ NEW GENERATION OF ULTRA-AGILE DYES

Improves the responsiveness, darkness, longevity of the performance and consistency across colors.

(1) Based on achieving the highest weighted composite score among main everyday photochromic lenses across measurements of key photochromic performance attributes weighted by their relative importance to consumers.

(2) Transitions Optical Life360™ live wearers testing in US, France, China (IFOP 2016/2017). N=117, eyeglass wearers.

(3) Transitions Optical, Quality of Vision and Vision Experience Test in Controlled Lab Situations (Lab Wearer Testing), U.S., Eurosyn, Q4 2019, N=135


(4) CR607 products fade back to clear 23% faster. Claim is based on tests across materials on grey lenses, being the most popular color, fading back to 70% transmission @ 23°C

TRANSITIONS® SIGNATURE® GEN8™



BENEFITS*

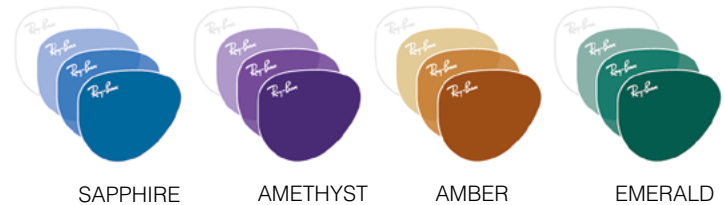
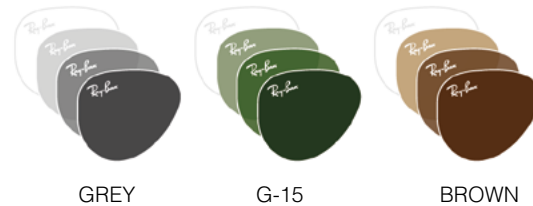
89% preferred TRANSITIONS® SIGNATURE® GEN8™ over clear lenses

		LENTI CHIARE
→ BETTER VISION EXPERIENCE Preferred in all light situations	69%	vs. 14%
→ BETTER PROTECTION Higher perceived protection	69%	vs. 5%
→ BETTER LOOK Preferred the way they look	69%	vs. 13%

* Claims above based on Transitions® Optical. Quality of Vision & Vision Experience Test, US 2019 (N=146). Transitions® Signature® GEN8™ compared by wearers to premium clear lenses.

BETTER VISION EXPERIENCE AND BETTER LOOK THAN CLEAR

Available in 7 colors.
Choose your color. Choose your style.



(5) CR607 products activate to a category 3 darkness 15% faster. Claim is based on tests across materials on grey lenses, being the most popular color, achieving 18% transmission @ 23° C.

(6) "Harmful blue light" is calculated between 380nm and 460nm, across materials and colors, "standard clear lens", refers to typical clear 1.5 and polycarbonate (1.6x more indoors and 6.7x more outdoors) hard-coated lenses without blue light reducing treatment.



THINNING TECHNOLOGY

To ensure an authentic Ray-Ban look, we can reduce the thickness of both single vision and progressive lenses.

This feature can be applied to all Ray-Ban frames resulting in reduced lens thickness at the centre of the lens.

For progressive lenses, Prism Thinning ensures a balanced edge thickness at the top and bottom of the lenses.

BENEFITS

- Thinner and lighter lenses
- Streamlined look



Ray-Ban flat design is a free-form exclusive lens design for Ray-Ban that combines the genuine aesthetics of trendy flat frames while providing high optical performance. Ray-Ban flat design extends the power range of Single Vision lenses from -6.00 to +2.00.

FLAT DESIGN

Available only for Single Vision

All images are for illustrative purposes only

SUNGLASSES MODELS
ARE AVAILABLE WITH
CLEAR LENSES



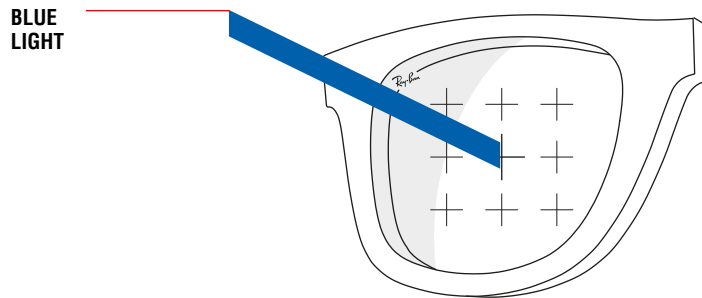
CLEAR LENSES ON SUN

TECHNOLOGIES AND BENEFIES

Ray-Ban offers the opportunity to enjoy the high optical performance of Ray-Ban clear lenses with its legendary sun frames.

Consumers can choose their favorite Ray-Ban sunglasses frame featuring authentic Ray-Ban clear lenses.

This exclusive offer is available within the full sun power range.



Ray-Ban Blue Light Ease is embedded on all lens materials to provide an everyday filter against blue light.

BENEFITS

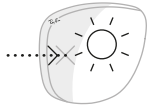
- Filters up to 20% of blue light*
- Protection from UV
- Optimal clear lens thanks to minimized yellow residual tint

*Blue light: up to 455nm, with the greatest toxicity between 415-455nm. For Polycarbonate concave lenses, the blue light blocking percentage might be slightly lower.

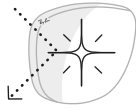
All images are for illustrative purposes only

RAY-BAN BLUE LIGHT EASE

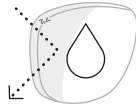
RAY-BAN AR CLASSIC



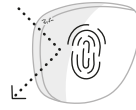
UV PROTECTION



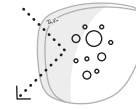
GLARE REDUCTION



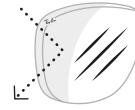
HYDROPHOBIC



OIL REPELLENT



ANTI-STATIC



ANTI-SCRATCH

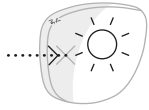
RAY-BAN AR COATINGS

Ray-Ban AR Optimized coating minimizes annoying glare, scratches and smudges to provide wearers with clear and comfortable vision.

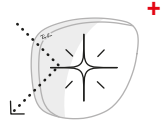
BENEFITS

- Clear and comfortable vision in daily life situations
- UV protection on clear lenses

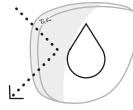
RAY-BAN AR OPTIMIZED



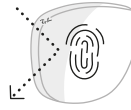
UV PROTECTION



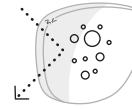
GLARE REDUCTION



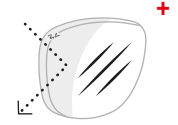
HYDROPHOBIC



OIL REPELLENT



ANTI-STATIC



ANTI-SCRATCH

Ray-Ban AR Optimized coating consists of multiple mineral layers combined together in harmony, bringing high transparency to lenses to provide wearers with an optimal clarity of vision, and comfort.

BENEFITS

- High level of lens transparency and scratch resistance for long lasting visual comfort
- Sharper and more accurate vision
- UV protection on clear lenses

AVAILABILITY TRANSITIONS® & COLOR OFFER

AVAILABILITY
AND PRICE LIST





TRANSITIONS® AVAILABILITY

CLEAR SINGLE VISION

		TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®
		G-15	GREY, BROWN	SAPPHIRE, AMETHYST AMBER EMERALD	GREY, BROWN, GRAPHITE GREEN
		RAY-BAN AR CLASSIC / RAY-BAN AR OPTIMIZED	RAY-BAN AR CLASSIC / RAY-BAN AR OPTIMIZED	RAY-BAN AR CLASSIC / RAY-BAN AR OPTIMIZED	RAY-BAN AR CLASSIC / RAY-BAN AR OPTIMIZED
RAY-BAN SV TUNED Stock lens	1.60	X	X	---	---
	1.50	X	X	---	---
		RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED
RAY-BAN SV EQUALIZED Free form lens	1.74	---	X	X	---
	1.67	X	X	X	X
	1.60	X	X	X	X
	1.50	X	X	X	X
		RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED
RAY-BAN SV AMPLIFIED Free form lens	1.74	---	X	---	---
	1.67	X	X	---	---
	1.60	X	X	---	---
	1.50	X	X	---	---

TRANSITIONS® AVAILABILITY

CLEAR PROGRESSIVE

		TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®
		G-15	GREY, BROWN	SAPPHIRE, AMETHYST AMBER EMERALD	GREY, BROWN, GRAPHITE GREEN
		RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED	RAY-BAN AR OPTIMIZED
RAY-BAN PAL BASE Free form lens	1.60	X	X	---	X
	1.50	X	X	---	X
RAY-BAN PAL TUNED Free form lens	1.67	X	X	---	X
	1.60	X	X	---	X
	1.50	X	X	---	X
RAY-BAN PAL EQUALIZED Free form lens	1.74	---	X	---	---
	1.67	X	X	X	X
	1.60	X	X	X	X
	1.50	X	X	X	X
RAY-BAN PAL AMPLIFIED Free form lens	1.74	---	X	---	---
	1.67	X	X	X	X
	1.60	X	X	X	X
	1.50	X	X	X	X

COLOR OFFER AVAILABILITY

INDEX

1.59: available for all the sun color shades shown below.

1.67: only available in Polar G15 and Polar B15

SOLID LENSES



G-15



B-15



BLUE



INDIGO
NEW

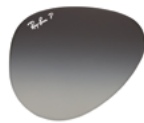


VIOLET
NEW

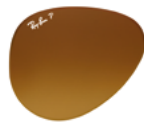
GRADIENT LENSES



BLUE



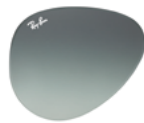
GREY



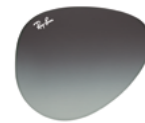
BROWN



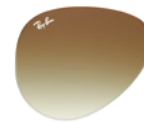
LIGHT BLUE
NEW



LIGHT GREY
NEW



DARK GREY
NEW



LIGHT BROWN
NEW

MIRROR LENSES



ORANGE



BLUE



SILVER



COPPER



GREEN SILVER
NEW

CHROMANCE LENSES



GREEN MIRROR
BLUE



GREY MIRROR
GREY GRADIENT



GREEN MIRROR
GOLD GRADIENT



PURPLE MIRROR
GOLD GRADIENT
NEW



BROWN MIRROR
GOLD GRADIENT
NEW



BROWN MIRROR
SILVER GRADIENT
NEW

TECHNICAL SHEET



CLEAR LENSES

CLEAR SINGLE VISION LENSES

RAY-BAN SV SPH TUNED

CLEAR & PHOTO / SINGLE VISION

LENS CHARACTERISTICS

Lens Processing

STOCK

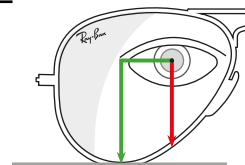
Front / back surface geometry

SPHERICAL

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)

10 mm



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN SV ASPH TUNED

CLEAR / SINGLE VISION

LENS CHARACTERISTICS

Lens Processing

STOCK

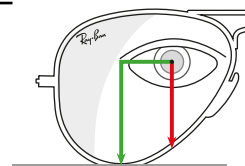
Front / back surface geometry

ASPHERICAL

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)

10 mm



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

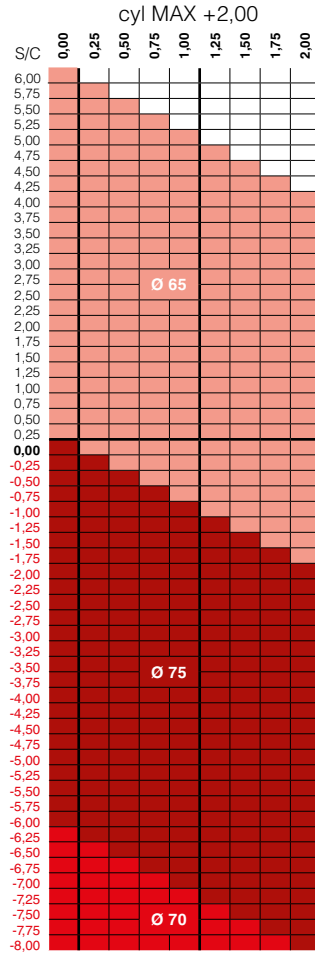
RAY-BAN SV SPH TUNED

**CLEAR & PHOTO
/ SINGLE VISION**

AVAILABILITY CHART

1.60

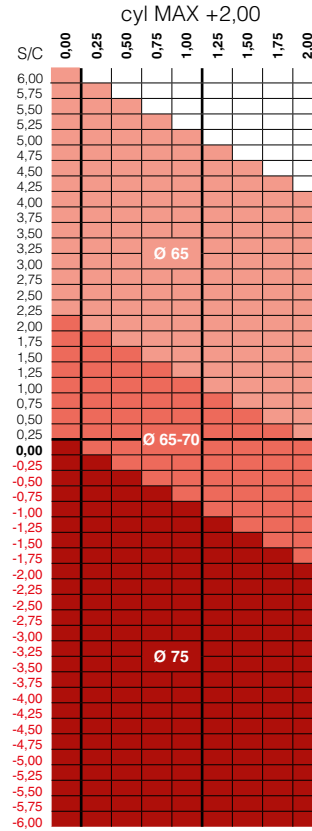
CLEAR LENSES
RAY-BAN AR CLASSIC



1.60

CLEAR LENSES
RAY-BAN AR OPTIMIZED

RAY-BAN
BLUE LIGHT EASE
RAY-BAN AR CLASSIC/
RAY-BAN AR OPTIMIZED



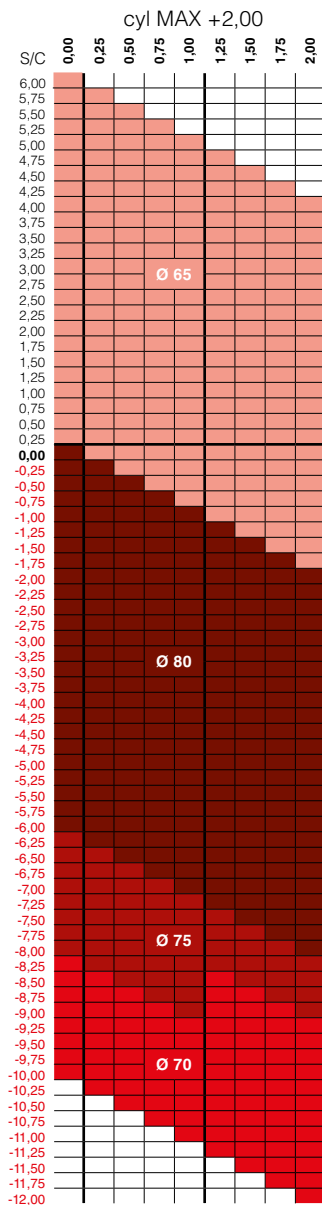
RAY-BAN SV ASPH TUNED

**CLEAR
/ SINGLE VISION**

AVAILABILITY CHART

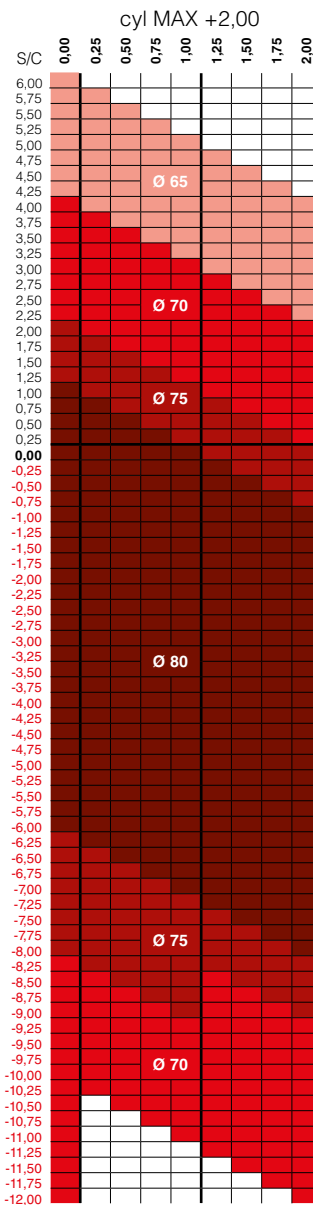
1.67

CLEAR LENSES
RAY-BAN AR CLASSIC



1.67

CLEAR LENSES
RAY-BAN AR OPTIMIZED
RAY-BAN
BLUE LIGHT EASE
RAY-BAN AR CLASSIC/
RAY-BAN AR OPTIMIZED



RAY-BAN SV EQUALIZED

CLEAR & PHOTO / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®		
1.74	-18	cyl 6	+13	---	---	---	-18	cyl 6	+13	---	---	---
1.67	-13	cyl 6	+9	-13	cyl 6	+9	-13	cyl 6	+9	-13	cyl 6	+9
1.60	-13	cyl 6	+8	-13	cyl 6	+8	-13	cyl 6	+8	-13	cyl 6	+8
1.50	-12	cyl 4	+10	-12	cyl 4	+10	-12	cyl 4	+10	-12	cyl 4	+10

LENS CHARACTERISTICS

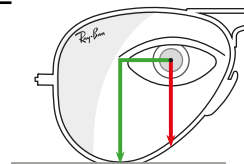
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM

ADDITIONAL PARAMETERS

Vertex Distance (BVD)	from/to 5/22 mm
Pantoscopic Angle (TILT)	from/to -5/25°
Wrap Angle (WRAP)	from/to 0/25°

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN SV AMPLIFIED

CLEAR & PHOTO / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

	RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™		
				RAY-BAN AR OPTIMIZED		
1.74	---	---	---	-14	cyl 6	+13
1.67	-14	cyl 6	+9	-14	cyl 6	+9
1.60	-12	cyl 6	+8	-12	cyl 6	+8
1.50	-10	cyl 4	+6	-10	cyl 4	+6

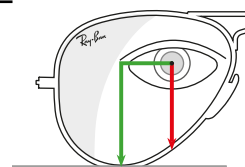
BOOST ADDITION	
	0.3
	0.6
	0.9

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	16 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

CLEAR PROGRESSIVE LENSES

RAY-BAN PAL BASE

CLEAR & PHOTO / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®		
1.60	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8
1.50	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Channel	FIXED 18

* Progression channel on back surface

MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

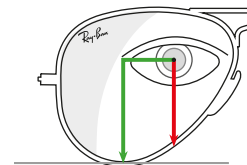
ADDITIONAL PARAMETERS

Frame optimization*	YES
---------------------	-----

* It's used the pantoscopic angle and the wrap angle of the frame

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	19 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN PAL TUNED

CLEAR & PHOTO / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®		
1.67	-12	cyl 6	+9	-12	cyl 6	+9	-12	cyl 6	+9	-12	cyl 6	+9
1.60	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8
1.50	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Channel	VARIABLE**

* Progression channel on back surface

** Variable progression length from 14 mm to 18 mm for 1/10 mm

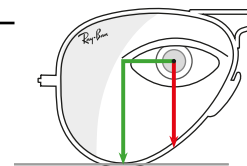
MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

ADDITIONAL PARAMETERS

Vertex Distance (BVD)	from/to 5/22 mm
Pantoscopic Angle (TILT)	from/to -5/25°
Wrap Angle (WRAP)	from/to 0/25°

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	15 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN PAL EQUALIZED

CLEAR & PHOTO / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®		
1.74	-18	cyl 6	+13	---	---	---	-18	cyl 6	+13	---	---	---
1.67	-14	cyl 6	+9	-14	cyl 6	+9	-14	cyl 6	+9	-14	cyl 6	+9
1.60	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8
1.50	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Channel	VARIABLE**

* Progression channel on back surface

** Variable progression length from 14 mm to 18 mm for 1/10 mm

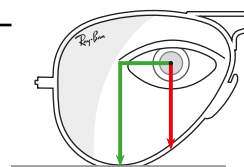
MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

ADDITIONAL PARAMETERS

Vertex Distance (BVD)	from/to 5/22 mm
Pantoscopic Angle (TILT)	from/to -5/25°
Wrap Angle (WRAP)	from/to 0/25°

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	15 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN PAL AMPLIFIED

CLEAR & PHOTO / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™			TRANSITIONS® XTRACTIVE®		
1.74	-14	cyl 6	+9	---	---	---	-14	cyl 6	+9	---	---	---
1.67	-14	cyl 6	+9	-14	cyl 6	+9	-14	cyl 6	+9	-14	cyl 6	+9
1.60	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8	-12	cyl 6	+8
1.50	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6	-10	cyl 4	+6

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Channel	VARIABLE**

* Progression channel on back and front surface

** Variable progression length from 14 mm to 18 mm for 1/10 mm

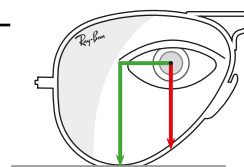
MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

ADDITIONAL PARAMETERS

Vertex Distance (BVD)	from/to 5/22 mm
Pantoscopic Angle (TILT)	from/to -5/25°
Wrap Angle (WRAP)	from/to 0/25°

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	15 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

**CLEAR
LENSES
ON SUN**

RAY-BAN SV EQUALIZED

CLEAR & PHOTO / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™		
1.67	-6	cyl 4	+6	-6	cyl 4	+6	-6	cyl 4	+6
1.60	-6	cyl 4	+6	-6	cyl 4	+6	-6	cyl 4	+6
1.50	-6	cyl 4	+5	-6	cyl 4	+5	-6	cyl 4	+5

LENS CHARACTERISTICS

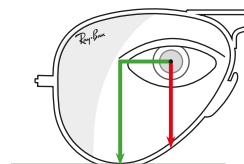
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM
Recommended for wrap frames	YES

ADDITIONAL PARAMETERS

Frame optimization*	YES
* It's used the pantoscopic angle and the wrap angle of the frame	

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN PAL BASE

CLEAR & PHOTO / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR			RAY-BAN BLUE LIGHT EASE			TRANSITIONS® SIGNATURE® GEN8™		
1.67	-6	cyl 6	+5	-6	cyl 6	+5	-6	cyl 6	+5
1.60	-6	cyl 6	+5.25	-6	cyl 6	+5.25	-6	cyl 6	+5.25
1.50	-5	cyl 4	+3.5	-5	cyl 4	+3.5	-5	cyl 4	+3.5

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Recommended for wrap frames	YES
Channel	FIXED: 15 - 18

* Progressive channel on back surface

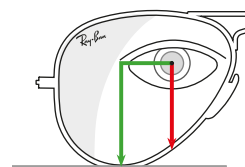
ADDITIONAL PARAMETERS

Frame optimization*	YES
---------------------	-----

* It's used the pantoscopic angle and the wrap angle of the frame

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	Canale 15	16 mm
	Canale 18	19 mm



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

SUN LENSES

SUN SINGLE VISION LENSES

RAY-BAN SV EQUALIZED

SUN / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

	NON-POLARIZED			POLARIZED			
	SOLID	GRADIENT	MIRROR	SOLID	GRADIENT	MIRROR	CHROMANCE
1.67		---			-6 cyl 4	+6	
1.59		-6 cyl 4	+6		-6 cyl 4	+6	

LENS CHARACTERISTICS

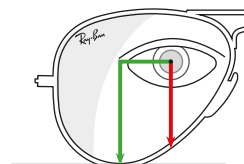
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM
Recommended for wrap frames	YES

ADDITIONAL PARAMETERS

Frame optimization*	YES
* It's used the pantoscopic angle and the wrap angle of the frame	

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN SV EQUALIZED - FLAT

SUN / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

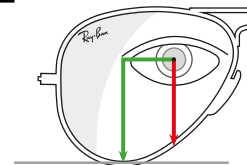
	NON-POLARIZED			POLARIZED		
	SOLID	GRADIENT	MIRROR	SOLID	GRADIENT	MIRROR
1.67		---			-6 cyl 4 +2	
1.59		-6 cyl 4 +2			-6 cyl 4 +2	

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN SV AMPLIFIED

SUN / SINGLE VISION

POWER RANGES

Total power to be intended as Sphere + Cylinder

	NON-POLARIZED			POLARIZED			
	SOLID	GRADIENT	MIRROR	SOLID	GRADIENT	MIRROR	CHROMANCE
1.67		---			-6 cyl 4	+6	
1.59		-6 cyl 4	+6		-6 cyl 4	+6	

LENS CHARACTERISTICS

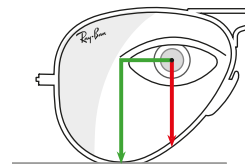
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM
Recommended for wrap frames	YES

ADDITIONAL PARAMETERS

Frame optimization*	YES
* It's used the pantoscopic angle and the wrap angle of the frame	

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
------------------------------	-------



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

SUN PROGRESSIVE LENSES

RAY-BAN PAL BASE

SUN / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	NON-POLARIZED			POLARIZED			
	SOLID	GRADIENT	MIRROR SOLID	SOLID	GRADIENT	MIRROR SOLID	CHROMANCE
1.67		---			-6 cyl 4	+5.25	
1.59		-6 cyl 4	+5.25		-6 cyl 4	+5.25	

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Recommended for wrap frames	YES
Channel	FIXED 15 - 18

* Progressive channel on back surface

MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

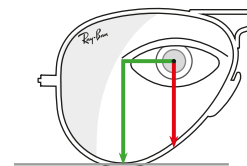
ADDITIONAL PARAMETERS

Frame optimization*	YES
---------------------	-----

* It's used the pantoscopic angle and the wrap angle of the frame

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	Channel 15	16 mm
	Channel 18	19 mm



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

RAY-BAN PAL EQUALIZED

SUN / PROGRESSIVE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	NON-POLARIZED			POLARIZED			
	SOLID	GRADIENT	MIRROR SOLID	SOLID	GRADIENT	MIRROR SOLID	CHROMANCE
1.67		---			-6 cyl 4	+5.25	
1.59		-6 cyl 4	+5.25		-6 cyl 4	+5.25	

LENS CHARACTERISTICS

Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM*
Recommended for wrap frames	YES
Channel	FIXED 15 - 18

* Progressive channel on back surface

MINIMUM ADDITIONAL POWER	0.75
MAXIMUM ADDITIONAL POWER	3.50

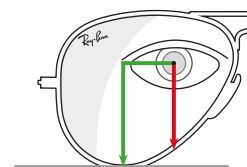
ADDITIONAL PARAMETERS

Frame optimization*	YES
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* It's used the pantoscopic angle and the wrap angle of the frame

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	Channel 15	16 mm
	Channel 18	19 mm



1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

KIDS LENSES

**KIDS
CLEAR
LENSES**

RAY-BAN SV BASE

CLEAR LENSES

LENS CHARACTERISTICS

Lens Processing

Front / back surface geometry

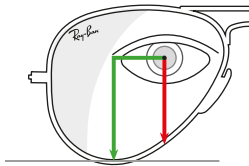
STOCK

SPHERICAL

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)

10 mm



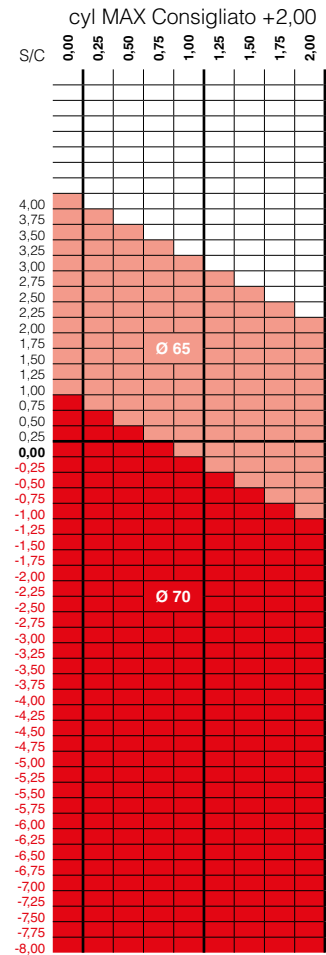
1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

AVAILABILITY CHART

1.59

RAY-BAN
BLUE LIGHT EASE

RAY-BAN AR OPTIMIZED



RAY-BAN SV EQUALIZED

CLEAR LENSES

POWER RANGES

Total power to be intended as Sphere + Cylinder

	CLEAR	BLUE LIGHT EASE
	RAY-BAN® OPTIMIZE	RAY-BAN® OPTIMIZE
1.59	-8 cyl 2 +4	-8 cyl 2 +4

LENS CHARACTERISTICS

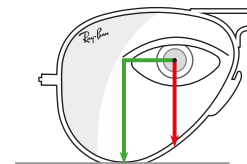
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM

ADDITIONAL PARAMETERS

Vertex Distance (BVD)	FROM/TO 5/22 mm
Pantoscopic Angle (TILT)	FROM/TO -5/25°
Wrap Angle (WRAP)	FROM/TO 0/25°

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
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1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

KIDS SUN LENSES

RAY-BAN SV EQUALIZED

SOLE

POWER RANGES

Total power to be intended as Sphere + Cylinder

	NON-POLARIZED			POLARIZED		
	SOLID	GRADIENT	MIRROR SOLID	SOLID	GRADIENT	MIRROR SOLID
1.59		-6 cyl 4 +6			-6 cyl 4 +6	

LENS CHARACTERISTICS

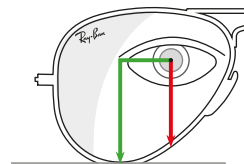
Lens Processing	DIGITAL
Front / back surface geometry	SPHERICAL / FREE FORM
Recommended for wrap frames	YES

ADDITIONAL PARAMETERS

Frame optimization*	YES
* It's used the pantoscopic angle and the wrap angle of the frame	

CENTRATION (BOXING SYSTEM)

Minimum Fitting Height (MFH)	10 mm
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1. The heights are measured from the center of the pupil to the lower part of the lens.
2. Pictures above display the right way to take measures.
3. THE HEIGHT IN GREEN IS CORRECT. The height in red is not correct.

OTHER INFORMATION

CUSTOMER SERVICE CENTER

LUXOTTICA CUSTOMER SERVICE

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