



GENUINE SINCE 1937

# RAY-BAN<sup>®</sup>

## AUTHENTIC

### ESSILOR<sup>®</sup> SPECIAL EDITION

PRODUCT CATALOGUE  
AND AVAILABILITY



SEE MORE.  
DO MORE.

Created in 2018, we are a culmination of two very complementary and inspiring business stories, equally rich in their successes, which have revolutionized an entire industry time and again, changing the very nature of eyewear and how we care for our eyes.

The company brings together complementary expertise in the craftsmanship of iconic eyewear and in advanced lens technologies. United by its vision, values, entrepreneurial spirit and desire to create the best products for all consumers, the company is committed to creating innovative solutions to uniquely address the world's evolving visual needs.

At EssilorLuxottica, our mission is to help people see more, be more and live life to its fullest. Our groundbreaking products correct, protect and frame the beauty of our most precious sensory organ, our eyes. By combining our expertise in lens technology and eyewear manufacturing, a portfolio of brands that consumers love and global distribution capabilities, we enable people everywhere to learn, work, express themselves and fulfil their potential.

Innovation is at the heart of EssilorLuxottica's growth story. From product and design innovation to reimagining the consumer experience to establishing new business models, our teams constantly push the boundaries of what's possible and question how we can better serve both our professional customers and our consumers.

That is why we created a new category of products: **THE COMPLETE PAIR**, empowering the most iconic frames with premium lens packages adapted to consumers' visual needs at the very core.



**By combining branded frames made to the highest standards and cutting edge lens technologies, eyeglasses transform from simple objects needed to improve eyesight into functional accessories that guarantee maximum comfort, allowing your customers to express their own personal style.**

Glasses are among the most visible fashion accessories and reflect the wearer's personality. From the moment the frame meets the face, a sense of authenticity, creativity and trust that consumers appreciate emerges.

Thanks to Ray-Ban Authentic complete pairs, we offer the perfect combination of frames and lenses, designed together from the start, to create a unique, authentic experience.

Ray-Ban Authentic Essilor Special Edition is available for an advanced visual experience: a complementary offer which includes the very best of Essilor designs and technologies, available for Essilor's best partners.

Best partners are the members of the Varilux Specialists, or equivalent, existing programs.

Discover Ray-Ban Authentic frames with premium Essilor lenses, designed together as a complete pair, providing the best possible combination of features and technologies.



The Ray-Ban Authentic Essilor Special Edition complete pairs are built with the foundation of Ray-Ban Authentic, strengthened by the technologies and know-how of the number 1 spectacle lens brand worldwide\* to provide you with the most innovative lens designs, reworked exclusively for Ray-Ban.

# STORY OF ESSILOR

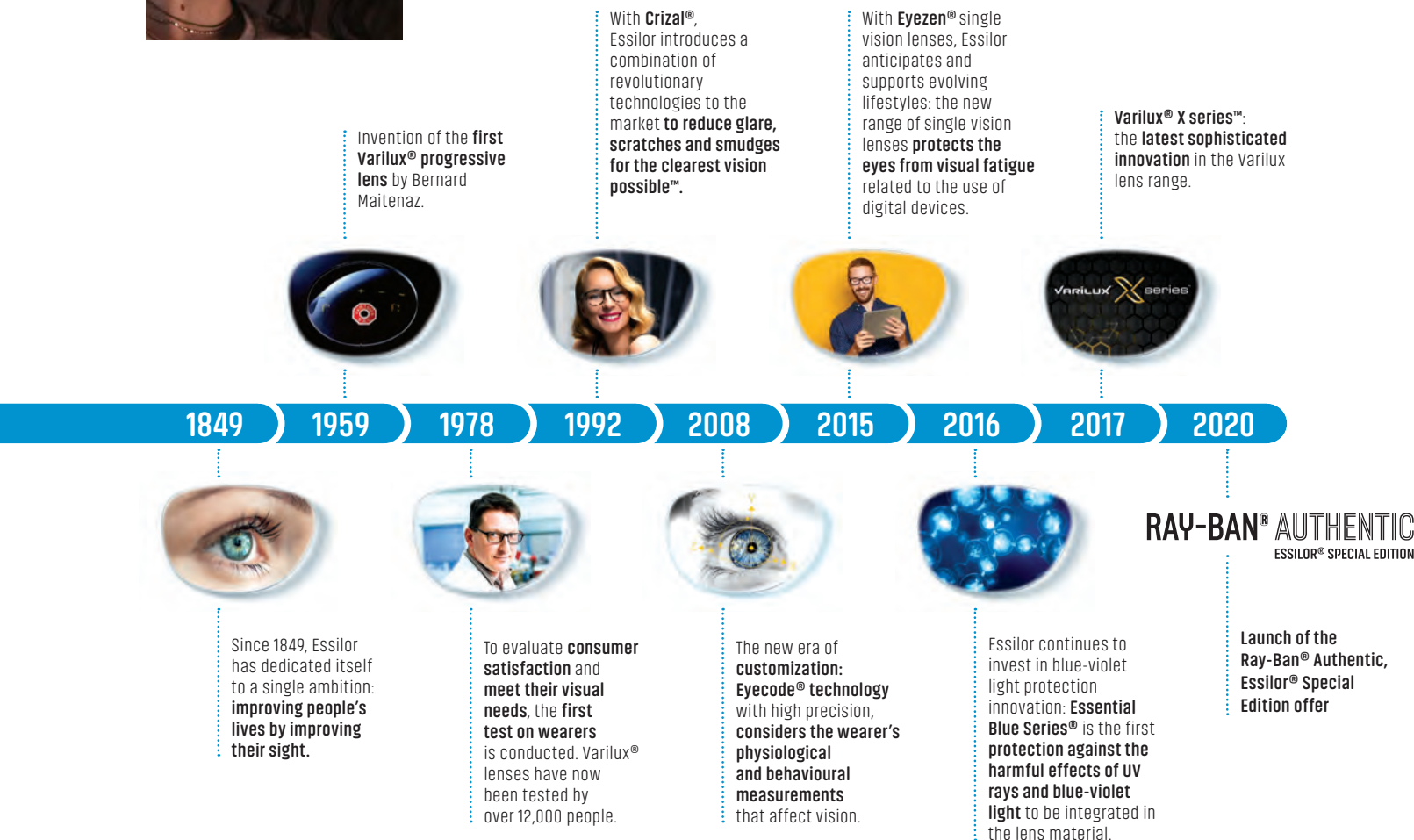


The creation and development of the Essilor Group is the result of a unique human, industrial and commercial adventure that began in 1849, the year in which Essilor first produced a lens in the Quartier du Marais in Paris. Since then, Essilor has become the world leader in eyewear lenses, pursuing an important mission: to improve life by improving sight.

The history of the group was built around foundations that still feed the culture of Essilor: innovation: partnership, international openness, entrepreneurial spirit and human values.

Over the years, Essilor has become the leader in innovation with the world's largest research and development centre for lenses, developed and patented revolutionary solutions for premium vision.

For consumers who want to wear superior quality glasses, without compromise.





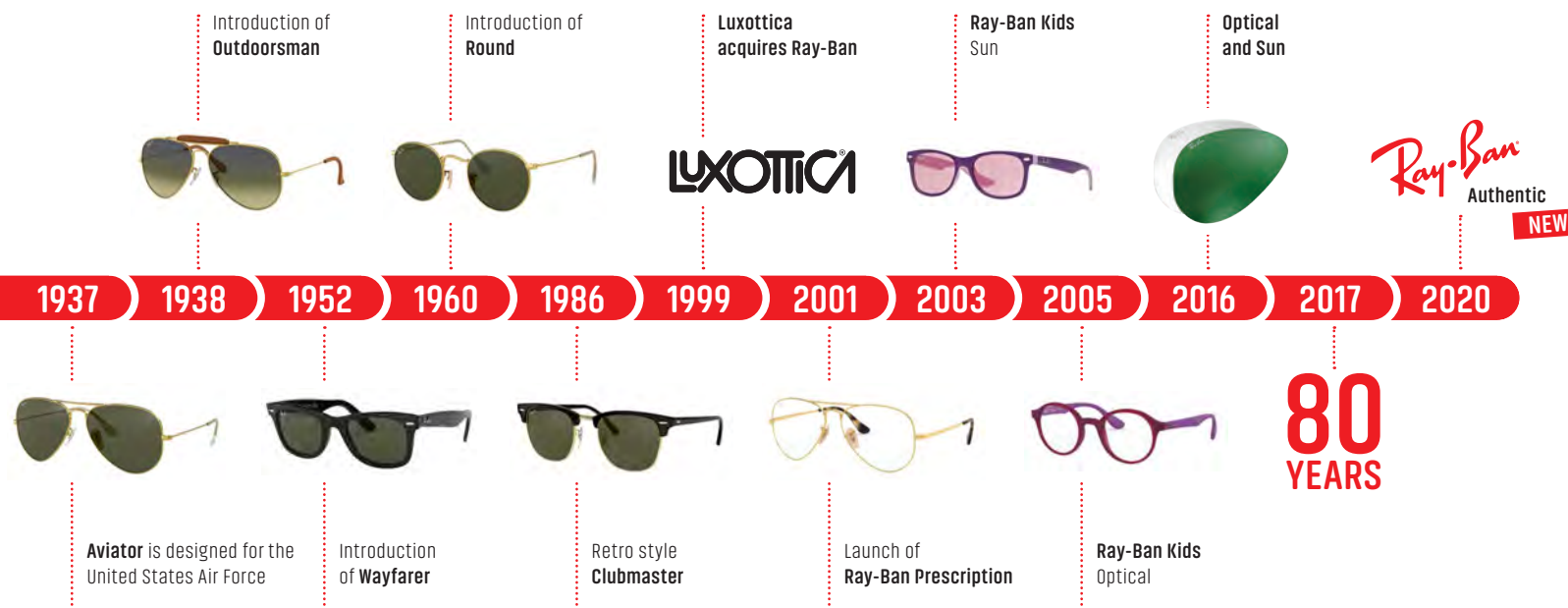
# STORY OF RAY-BAN



Our history began in aviation 80 years ago, when a new type of glasses was introduced to protect the pilots of the US Air Force, who were frequently suffering from headaches and dizzy spells, from sun rays. Thanks to the shape of the lenses and their green color G-15, the new model was able to eliminate reflections without obscuring the view and allowed pilots to fly without fear of light refractions.

In 1937, the sale of anti-reflective glasses was extended to the public. The original model, with the classic drop-shaped frame, that the following year is released in metal combined with G-15 lenses, finds a name: Ray-Ban Aviator. The brand and one of the most iconic models ever made are created, with unmistakable style and timeless design.

Constant research, development of pioneering technological innovations (such as soft mirrored lenses) and a unique style have led Ray-Ban to be the icon that everyone knows and loves today.



## SINGLE VISION

### Essilor® 360°™

- Optimized sharpness and contrast in the whole lens

### Eyezen® Start

- The new generation of single vision lenses for today's digital lifestyle

### Eyezen®+

- The best visual experience for single vision wearers in today's digital lifestyle

### Varilux® Comfort Max

- Enhanced postural flexibility for all-day-long vision comfort

## PROGRESSIVE

### Varilux® Physio® W3+

- Seamless transitions from near to far for effortless vision

### Varilux® X series™

- The most advanced Varilux lens ever for extended vision within arm's reach and beyond

## EACH LENS PACKAGE INCLUDES THE LATEST ESSILOR BRANDS AND TECHNOLOGIES

For each package, we apply the best possible combination of features for legendary style and elevated sight.

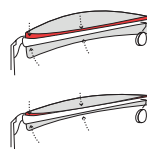


### TRANSITIONS LENSES

Transitions®

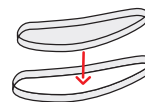
Don't compromise between protection and style with Transitions® Signature® GEN 8™

### THINNING TECHNOLOGY



Thinner and lighter lenses for hyperopes

### EDGING & MOUNTING



Specific edging and mounting processes to refine aesthetics

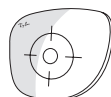
### RAY-BAN SIGNATURE



Authentic Ray-Ban signature



### FIT TO FRAME



Lens design adjusted for any Ray-Ban frames shape for optimal vision performance

### BLUE LIGHT FILTER

Essential Blue series®

Blue light filtering lens

### SUPERIOR AR COATING

Crizal® Sapphire® 360° UV

Best in class transparency for the clearest vision possible™

Crizal® Rock™

Most scratch-resistant Crizal lens ever made

(1) The E-SPF® index depends on the lens material itself and the coating. E-SPF® is a global index rating the overall UV protection of a lens. The E-SPF® index relates to lens performance only and excludes direct eye exposure that depends on external factors (wearer's morphology, frame shape, position of wear).

## SINGLE VISION

## PROGRESSIVE

### Essilor® SV Sun-Xtra™

- Lens design ensuring instant sharp vision across the whole lens outdoors

### Varilux® Sun-Xtra™

- Lens design with extended acuity fields for greater sharpness and comfort outdoors

## EACH LENS PACKAGE INCLUDES THE LATEST ESSILOR BRANDS AND TECHNOLOGIES

For each package, we apply the best possible combination of features for legendary style and elevated sight.

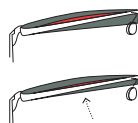


### LARGEST SUN RX COLLECTION



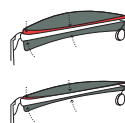
The largest sun Rx collection close to plano with Ray-Ban<sup>(1)</sup>

### BASE MATCHING



Seamless match between frame base and lens front surface

### THINNING TECHNOLOGY



Thinner and lighter lenses for hyperopes

### EDGING & MOUNTING



Specific edging and mounting processes to refine aesthetics

### RAY-BAN SIGNATURE



Authentic Ray-Ban signature



### FIT TO FRAME



Lens design adjusted for any Ray-Ban frames shape for optimal vision performance

### UV PROTECTION



Complete protection against harmful UV light, on both surfaces of the lens

Clear on sun frame offer: consumers can choose their favorite Ray-Ban sunglasses featuring clear Sun-Xtra lenses. This offer is available within the full Sun-Xtra power range.

(1) Largest collection among complete pairs offers WW – Internal Essilor studies. In number of colors and SKU's available with vision correction – Dec. 2019.

(2) The E-SPF<sup>®</sup> index depends on the lens material itself and the coating. E-SPF<sup>®</sup> is a global index rating the overall UV protection of a lens.

The E-SPF<sup>®</sup> index relates to lens performance only and excludes direct eye exposure that depends on external factors (wearer's morphology, frame shape, position of wear).



# THE WORLD OF SUN RX

Decades of experience in manufacturing lenses have enabled us to perfect their adaptability to the most iconic Ray-Ban frame models. Every Essilor customer can now enjoy the best visual quality without giving up the Ray-Ban style they love. Color is a fundamental aspect of the Ray-Ban look, that's why we chose the most popular colors and made them available in a wide selection of graduated lenses. Each pair of glasses is tailor-made for the customer by Essilor, completed with the unmistakable Ray-Ban signature. For an authentic Ray-Ban style combined with the best Essilor technologies.

With 17 colors available in Sun RX, Ray-Ban Authentic Essilor Special Edition is a complete range of colors and treatments that adapt to the style and desires of all your customers.

Ray-Ban Authentic Essilor Special Edition lenses are compatible with a wide selection of the latest Ray-Ban Plano sunglasses frames in:



# OTHER OFFER: FOR YOU AND FOR YOUR CUSTOMERS

## SIMPLICITY

- **Easy to recommend** to your customers

- Simplified **Marketing** with key materials dedicated to the complete pair



## PREMIUM PROGRAMS



- **Included** in Essilor Partnership Programs

- **Interactive** on-line and off-line training

- **Wide assortment**, clear and structured

## CUSTOMER LOYALTY

- Guarantee of optimal **quality**

- **Wide assortment**, accessible with manage vision care plans

- **New customer journey**







**RAY-BAN® AUTHENTIC**

**ESSILOR® SPECIAL EDITION**

PRODUCT AVAILABILITY





Ray-Ban

GENUINE SINCE 1937



RAY-BAN® AUTHENTIC

ESSILOR® SPECIAL EDITION

SINGLE VISION



# SINGLE VISION

## Essilor® 360°™

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX
Clear and Transitions® lenses range	1.50 Index Plastic	Essential Blue Series®	-10	8	-4
		Transitions 8 G-15	-10	8	-4
		Transitions 8 grey	-10	8	-4
	Airwear® (polycarbonate)	Essential Blue Series	-10	8	-4
		Transitions 8 G-15	-10	8	-4
		Transitions 8 grey	-10	8	-4
	Thin & Lite® 1.67 High-Index	Essential Blue Series	-13	8	-6
		Transitions 8 G-15	-13	8	-6
		Transitions 8 grey	-13	8	-6

## Eyezen® Start

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX
Clear and Transitions lenses range	1.50 Index Plastic	Essential Blue Series	-10	6	-6
		Transitions 8 G-15	-10	6	-6
		Transitions 8 grey	-10	6	-6
	Airwear (polycarbonate)	Essential Blue Series	-10	6	-6
		Transitions 8 G-15	-10	6	-6
		Transitions 8 grey	-10	6	-6
	Thin & Lite 1.67 High-Index	Essential Blue Series	-14	6	-6
		Transitions 8 G-15	-14	6	-6
		Transitions 8 grey	-14	6	-6

## Eyezen®+ Profile 0.4 - 0.6 - 0.85 - 1.1

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX
Clear and Transitions lenses range	1.50 Index Plastic	Essential Blue Series	-10	6	-6
		Transitions 8 G-15	-10	6	-6
		Transitions 8 grey	-10	6	-6
	Airwear (polycarbonate)	Essential Blue Series	-10	8	-6
		Transitions 8 G-15	-10	8	-6
		Transitions 8 grey	-10	8	-6
	Thin & Lite 1.67 High-Index	Essential Blue Series	-13	9	-6
		Transitions 8 G-15	-13	9	-6
		Transitions 8 grey	-13	9	-6







**RAY-BAN<sup>®</sup>** AUTHENTIC  
ESSILOR<sup>®</sup> SPECIAL EDITION

PROGRESSIVES





Varilux®  
Comfort Max

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX	ADD FROM	ADD TO MAX	MIN FIT HEIGHT
Clear and Transitions® lenses range	1.50 Index Plastic	Essential Blue Series®	-10	6	-6	0.75	3.50	14
		Transitions 8 G-15	-10	6	-6	0.75	3.50	14
		Transitions 8 grey	-10	6	-6	0.75	3.50	14
	Airwear® (polycarbonate)	Essential Blue Series	-10	6	-6	0.75	3.50	14
		Transitions 8 G-15	-10	6	-6	0.75	3.50	14
		Transitions 8 grey	-10	6	-6	0.75	3.50	14
	Thin & Lite® 1.67 High-Index	Essential Blue Series	-14	9	-6	0.75	3.50	14
		Transitions 8 G-15	-14	9	-6	0.75	3.50	14
		Transitions 8 grey	-14	9	-6	0.75	3.50	14

Varilux Comfort Max for Ray-Ban

ADD	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
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Varilux®  
Physio® W3+

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX	ADD FROM	ADD TO MAX	MIN FIT HEIGHT
Clear and Transitions lenses range	1.50 Index Plastic	Essential Blue Series	-10	6	-6	0.75	3.50	14
		Transitions 8 G-15	-10	6	-6	0.75	3.50	14
		Transitions 8 grey	-10	6	-6	0.75	3.50	14
	Airwear (polycarbonate)	Essential Blue Series	-10	6	-6	0.75	3.50	14
		Transitions 8 G-15	-10	6	-6	0.75	3.50	14
		Transitions 8 grey	-10	6	-6	0.75	3.50	14
	Thin & Lite 1.67 High-Index	Essential Blue Series	-14	9	-6	0.75	3.50	14
		Transitions 8 G-15	-14	9	-6	0.75	3.50	14
		Transitions 8 grey	-14	9	-6	0.75	3.50	14

Varilux Physio W3+ for Ray-Ban

ADD	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
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• Varilux Physio W3+ for Ray-Ban:  
progression length variable from 14 mm to 17 mm by 1/10 mm



Varilux®

X series™

	MATERIAL	LENS PROPERTY	POWER FROM	POWER TO	CYL MAX	ADD FROM	ADD TO MAX	MIN FIT HEIGHT
Clear and Transitions® lenses range	1.50 Index Plastic	Essential Blue Series®	-10	6	-6	0.75	4	14
		Transitions 8 G-15	-10	6	-6	0.75	4	14
		Transitions 8 grey	-10	6	-6	0.75	4	14
	Airwear® (polycarbonate)	Essential Blue Series	-10	6	-6	0.75	4	14
		Transitions 8 G-15	-10	6	-6	0.75	4	14
		Transitions 8 grey	-10	6	-6	0.75	4	14
	Thin & Lite® 1.67 High-Index	Essential Blue Series	-12	6	-6	0.75	4	14
		Transitions 8 G-15	-12	6	-6	0.75	4	14
		Transitions 8 grey	-12	6	-6	0.75	4	14

Varilux X for Ray-Ban

ADD	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
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• Varilux X for Ray-Ban:  
progression length variable from 14 mm to 17 mm by 1/10 mm

## TRANSITIONS® SIGNATURE® GEN 8™

		GREY	G-15
<b>Essilor 360° for Ray-Ban®</b>	1.50 Index Plastic	●	●
	Airwear® (polycarbonate)	●	●
	Thin & Lite® 1.67 High-Index	●	●
<b>Eyezen® Start for Ray-Ban</b>	1.50 Index Plastic	●	●
	Airwear (polycarbonate)	●	●
	Thin & Lite 1.67 High-Index	●	●
<b>Eyezen®+ for Ray-Ban</b>	1.50 Index Plastic	●	●
	Airwear (polycarbonate)	●	●
	Thin & Lite 1.67 High-Index	●	●
<b>Varilux® Comfort Max for Ray-Ban</b>	1.50 Index Plastic	●	●
	Airwear (polycarbonate)	●	●
	Thin & Lite 1.67 High-Index	●	●
<b>Varilux® Physio® W3+ for Ray-Ban</b>	1.50 Index Plastic	●	●
	Airwear (polycarbonate)	●	●
	Thin & Lite 1.67 High-Index	●	●
<b>Varilux® X series™ for Ray-Ban</b>	1.50 Index Plastic	●	●
	Airwear (polycarbonate)	●	●
	Thin & Lite 1.67 High-Index	●	●





RAY-BAN® AUTHENTIC

ESSILOR® SPECIAL EDITION

SUN AVAILABILITY



**Essilor®**  
**SV Sun-Xtra™**

SV Sun-Xtra™		MATERIAL	POWER FROM	POWER TO	CYL MAX
<ul style="list-style-type: none"><li>• SOLID TINT</li><li>• GRADIENT</li><li>• GRADIENT POLARIZED</li><li>• MIRROR</li><li>• CHROMANCE</li></ul>	Airwear® (polycarbonate)				
		-6	6	-4	
<ul style="list-style-type: none"><li>• SOLID POLARIZED</li></ul>	Airwear (polycarbonate)	-6	6	-4	
	Thin & Lite® 1.67 High-Index	-6	6	-4	

- The power ranges may vary according to the chosen frame.

•Sun-Xtra lenses are also available in clear and Transitions versions, on the clear for sun frames offering.

**Varilux®**  
**Sun-Xtra™**

Sun-Xtra™		MATERIAL	POWER FROM	POWER TO	CYL MAX	ADD FROM	ADD TO	MIN FIT HEIGHT
<ul style="list-style-type: none"><li>• SOLID TINT</li><li>• GRADIENT</li><li>• GRADIENT POLARIZED</li><li>• MIRROR</li><li>• CHROMANCE</li></ul>	Airwear (polycarbonate)	-6	6	-4	0.75	3.50	14	
<ul style="list-style-type: none"><li>• SOLID POLARIZED</li></ul>	Airwear (polycarbonate)	-6	6	-4	0.75	3.50	14	
	Thin & Lite 1.67 High-Index	-6	6	-4	0.75	3.50	14	

- The power ranges may vary according to the chosen frame.

Varilux Sun-Xtra for Ray-Ban®

ADD	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
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# COLOR AVAILABILITY FOR THE SUN-XTRA RANGE

## SOLID LENSES



**G-15**

**POLARIZED**

Base color: G-15

Lens filter: 3P

**NON-POLARIZED**

Base color: G-15

Lens filter: 3N



**B-15**

**POLARIZED**

Base color: B-15

Lens filter: 3P

**NON-POLARIZED**

Base color: B-15

Lens filter: 3N

## GRADIENT LENSES



**BLUE**

**POLARIZED**

Base color:

BLUE

Lens filter: 2P



**GREY**

**POLARIZED**

Base color:

GREY

Lens filter: 2P



**BROWN**

**POLARIZED**

Base color:

BROWN

Lens filter: 2P

## MIRROR LENSES



**ORANGE**

**POLARIZED**

Base color:

BROWN

Lens filter: 3P



**BLUE**

**POLARIZED**

Base color:

GREY

Lens filter: 3P

**NON-POLARIZED**

Base color:

GREEN

Lens filter: 3N



**SILVER**

**POLARIZED**

Base color:

GREY

Lens filter: 3P

**NON-POLARIZED**

Base color:

GREEN

Lens filter: 3N



**COPPER**

**NON-POLARIZED**

Base color:

PINK

Lens filter: 2N

## CHROMANCE LENSES



**GREEN MIRROR**

**BLUE**

**POLARIZED**

Base color:

LIGHT GREY GRADIENT

DARK GREY

Lens filter: 3P



**GREY MIRROR**

**GREY GRADIENT**

**POLARIZED**

Base color:

GREY CHROMANCE

Lens filter: 3P



**GREEN MIRROR**

**GOLD GRADIENT**

**POLARIZED**

Base Color:

GREEN CHROMANCE

Lens filter: 3P

Airwear® (polycarbonate): available for all sun colors listed above.





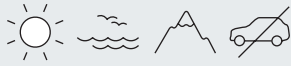
Thin & Lite® 1.67 High-Index: only available in G-15 polarized and B-15 polarized.



# FILTERS CATEGORY - GRADUATED SUNGLASSES

## TREATMENT AND COLOR

Five categories have been defined for photochromatic and sun lenses.  
The wearer must be informed of the relevant categories and indications of use.  
The table is updated to the standard UNI EN ISO 12312-1:2015.


















CAT 0	CAT 1	CAT 2	CAT 3	CAT 4
<b>TRANSMITTANCE FROM 80% TO 100%</b>	<b>TRANSMITTANCE FROM 43% TO 80%</b>	<b>TRANSMITTANCE FROM 18% TO 43%</b>	<b>TRANSMITTANCE FROM 8% TO 18%</b>	<b>TRANSMITTANCE FROM 3% TO 8%</b>
Clear lenses or slightly colored  Photochromic lenses at clear state	Slightly colored lenses	Medium colored lenses	Dark lenses  Photochromic lenses at dark state	Very dark lenses
<b>INDOOR CLOUDY</b> 	<b>ATTENUATED SUNLIGHT</b> 	<b>MEDIUM SUNLIGHT</b> 	<b>STRONG SUNLIGHT</b> 	<b>INTENSE SUNLIGHT</b> 

## TRANSITIONS® LENSES









PHOTOCHROMATIC	CLEAR LENS	DARK LENS		
	FILTER CATEGORY	FILTER CATEGORY	DAY DRIVING	NIGHT DRIVING
TRANSITIONS® SIGNATURE® GEN 8® - ALL INDEXES	0	3	YES	YES
TRANSITIONS SIGNATURE GEN 8 - AMBER - ALL INDEXES	0	2	YES	YES

# FILTERS CATEGORY - GRADUATED SUNGLASSES

## POLAR

	LENS COLOR	VISIBLE LIGHT TRANSMISSION [%]	MIRROR COLOR	FILTER CATEGORY	DAY DRIVING	NIGHT DRIVING
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
SOLID MIRROR	 GREY	11.3%	 BLUE	3	YES	NO
	 BROWN B-15	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%	 GOLD GRADIENT	3	YES	NO
	 GREY	16.7%	 GREY GRADIENT	3	YES	NO

## COLORED (NON POLAR)

	LENS COLOR	VISIBLE LIGHT TRANSMISSION [%]	MIRROR COLOR	FILTER CATEGORY	DAY DRIVING	NIGHT DRIVING
SOLID	 BROWN B-15	16.0%	-	3	YES	NO
	 GREEN G-15	12.8%	-	3	YES	NO
SOLID MIRROR	 GREEN	11.1%	 BLUE	3	YES	NO
	 ORANGE/PINK	20.8%	 COPPER	2	YES	NO
	 GREEN G-15	10.3%	 FLASH SILVER	3	YES	NO



GENUINE SINCE 1937

# THE PERFECT MATCH OF RAY-BAN'S LEGENDARY STYLE AND ESSILOR'S EXPERTISE IN SIGHT

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Essilor®, Varilux®, Varilux® X Series™, Varilux® Comfort Max, Varilux® Physio® W3+, Eyezen®, Eyezen®+, Eyezen® Start™, Crizal®, Crizal Sapphire® 360° UV, Crizal® Rock™, Essential Blue Series®, Sun-Xtra™, Airwear®, Thin & Lite®, and E-SPF® are trademarks of Essilor International.

Transitions®, Transitions® Signature® and XTRActive® are registered trademarks, the Transitions® logo is trademark of Transitions Optical, Inc. used under license by Transitions Optical Limited. GEN 8™ is a trademark of Transitions Optical Limited.

Photochromic performance is influenced by temperature, UV exposure and lens material.

Ray-Ban® is a trademark of Luxottica Group. 115707\_CML\_RBN DIG/RB 01/21



SEE MORE.  
DO MORE.