

# LIVING OUR PASSIONS TO THE FULL MEANS LENSES UP TO THE TASK!

JULBO HAS PERFECTED ITS PHOTOCROMIC AND POLARIZING CAMELEON AND OCTOPUS LENSES! THEY ARE NOW MORE VERSATILE WITH CATEGORY 2 TO 4 PROTECTION. BENEFITING FROM NTS TECHNOLOGY (NON TEMPERATURE SENSITIVE), THE PROTECTION LEVEL IS GUARANTEED REGARDLESS OF THE TEMPERATURE BECAUSE THE PHOTOCROMIC RANGE OF THE LENS REMAINS CONSTANT.

## **nxt** NXT LENSES: PERFECTION UNDER ANY AND ALL LIGHT CONDITIONS

Julbo lenses with incorporated NXT technology are photochromic. Light-sensitive treatment throughout the body of the lens, and not just on the surface, provides unrivalled viewing comfort in all situations. NXT technology is also used for RX Trem prescription sunlenses.



### ZEBRA: FROM SHADE TO LIGHT

This photochromic and anti-fog lens, developed for the Speed range, is ideal for mountain biking, trail running and climbing.

- > The photochromic lens gets darker or lighter in accordance with light intensity. Protection category 2 to 4.
- High-speed activation: from 22 to 28 seconds.
- > Exceptional anti-fog coating: no condensation, maximum longevity.
- > Hydrophobic coating on the outside: prevents marking and facilitates the removal of water.
- > Brown: accentuates relief.
- > Available in RX Trem version.

### ZEBRA LIGHT: FROM DAWN TO DUSK

This photochromic and anti-fog lens, developed for the Speed range adapts to light levels at any time of day.

- > The photochromic lens gets darker or lighter in accordance with light intensity. Protection category 1 to 3. Fast activation speed.
- > Exceptional anti-fog coating: no condensation, maximum longevity.
- > Hydrophobic coating on the outside: prevents marking and facilitates the removal of water.
- > Soft material: less risk of injury during falls.
- > Brown: accentuates relief.



## TECHNICAL CHARACTERISTICS OF NXT™ // MINERAL // SPECTRON POLYCARBONATE LENSES

The Mineral glass lens of superior optical quality and highly scratch and shock resistant, is ideal for desert and high-mountain environments. The Altitude Arc lens is the benchmark model for glacier sunglasses. The different coatings applied (anti-reflective, flash finish and burnishing) eliminate interference glare and strengthen filtration.

			Instructions for use	Visible light transmission rate	Protection index
Mineral	Altitude Arc 4+	Anti-reflective coating + Burnishing + Flash finish		4%	4
	Altitude Arc 4	Anti-reflective coating + Flash finish		7%	4

The Spectron Polycarbonate lens: light yet offers good shock resistance, is multipurpose and suitable for all sports.

Spectron Polycarbonate	Spectron 0	Clear Sight		91%	0
	Spectron 1	Hi Contrast		50%	1
	Spectron 3			13%	3
	Spectron 3+	Flash finish		12%	3
	Spectron 4	Flash finish + Anti-reflective coating		5%	4
	Spectron 4 Baby	Flash finish		5%	4
	Polarized 3	Polarizing		12%	3
	Polarized 3+	Polarizing + Flash finish		11%	3
Polar Junior	Polarizing		15 - 17%	3	

# Lenses



## FALCON: CLEAR VISION AT ALL TIMES

This lens, developed for the Travel range, is multipurpose and recommended for driving.

- > The photochromic lens gets darker or lighter in accordance with light intensity. Protection category 2 to 3.
- > Polarizing: eliminates glare from all reflective surfaces (water, tarmac, glass etc.) and provides the purest of vision.
- > Anti-reflective coating: reduces eyestrain and eliminates interference glare.
- > Inside oil-repellent coating: prevents finger or grease marks and makes cleaning easier.
- > BWS (Behind the Windshield): the lens will get darker behind a windshield and is particularly suitable for driving.
- > Copper: accentuates contrasts, more comfortable vision.
- > Available in RX Trem version.

## NEW CAMELEON: ALL-TERRAIN PURE VISION

This photochromic, anti-fog and polarizing lens, developed for the Outdoor range, is designed for use in mountain and desert environments.











- > The photochromic lens gets darker or lighter in accordance with light intensity. Protection category 2 to 4.
- > NTS technology: the lens gets darker or lighter regardless of the temperature.
- > Polarizing: eliminates snow glare, ensuring purity of vision.
- > Exceptional anti-fog coating: no condensation, maximum longevity.
- > Brown: accentuates relief.
- > Available in RX Trem version.

## NEW OCTOPUS: A CLEAR VIEW TO THE HORIZON IN EVERY WEATHER

This light-sensitive, water-repellent and polarizing lens, developed for the Nautic range, is suitable for all water sports.

- > The photochromic lens gets darker or lighter in accordance with light intensity. Protection category 2 to 4.
- > NTS technology: the lens gets darker or lighter regardless of the temperature.
- > Polarizing: eliminates water glare, ensuring purity of vision.
- > External hydrophobic coating makes water slide off the lens, improving visibility.
- > Oil-repellent coating: prevents finger marks, makes cleaning easier.
- > Grey: faithful color reproduction.
- > Available in RX Trem version.

Lens **nxt**: optimum qualities for an organic lens while benefiting from a mineral glass manufacturing technique (very low-temperature casting). Its transparency and stability over time are exceptional (no cracking). It is ultra light, unbreakable and solvent-resistant.

			Instructions for use	Visible light transmission rate	Protection index
<b>NXT™</b>	 <b>FALCON</b>	Photochromic lens Polarizing + Anti-reflective + BWS		9 - 20%	2 to 3
	 <b>ZEBRA</b>	Photochromic lens + Anti-fog coating		7 - 51%	2 to 4
	 <b>ZEBRA LIGHT</b>	Photochromic lens + Anti-fog coating		16 - 80%	1 to 3
	 <b>CAMELEON</b>	Photochromic lens Polarizing + Anti-fog coating + NTS		7 - 51%	2 to 4
	 <b>OCTOPUS</b>	Photochromic lens Polarizing + Water-repellent coating + NTS		7 - 51%	2 to 4

CE standard protection	Protection index or category	Visible light transmission rate
	0	80% to 100%
	1	43% to 80%
	2	18% to 43%
	3	8% to 18%
	4	3% to 8%

### Special coatings

In addition to the different choices of lens material available, Julbo adds high-tech coatings to improve lens performance in accordance with the conditions they are used under.

**Anti-fog** > prevents condensation and guarantees maximum longevity.

**Anti-reflective** > reduces eyestrain and eliminates interference glare.

**Burnishing** > improves filtration of visible light.

**Flash finish** > improves filtration of visible light by producing a mirror effect on the lens.

**Water-repellent** > makes water slide over the lens and prevents hydrogen bonds forming between water molecules. Visibility is improved.

**Oil-repellent coating** > prevents finger marks, makes water slide over the lens and cleaning easier.