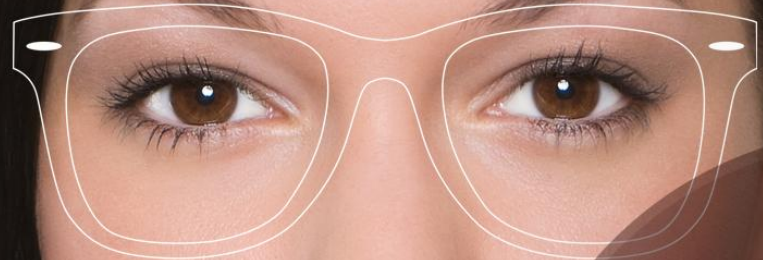


CONANT
2276.HK



NEW TECHNOLOGY
AND WELL PERFORMANCE

Conant®



Sunfilter
COATING-PHOTOCHROMIC LENS



Why do we need to wear photochromic lens?

People usually need to adjust light flux by adjusting the pupil size. When the light intensity exceeds the adjust capacity of human eyes, it will do harm to eyes. Especially in summer, we need to protect eye from sunshine, to reduce tiredness caused by eye adjust or damage caused by strong light stimulation.

When eyes receive too much light, it will shrink iris naturally. Once iris shrinks to limiting condition, people need to squint. If there is still too much light such as sunlight reflected by snow, it will do harm to retina.

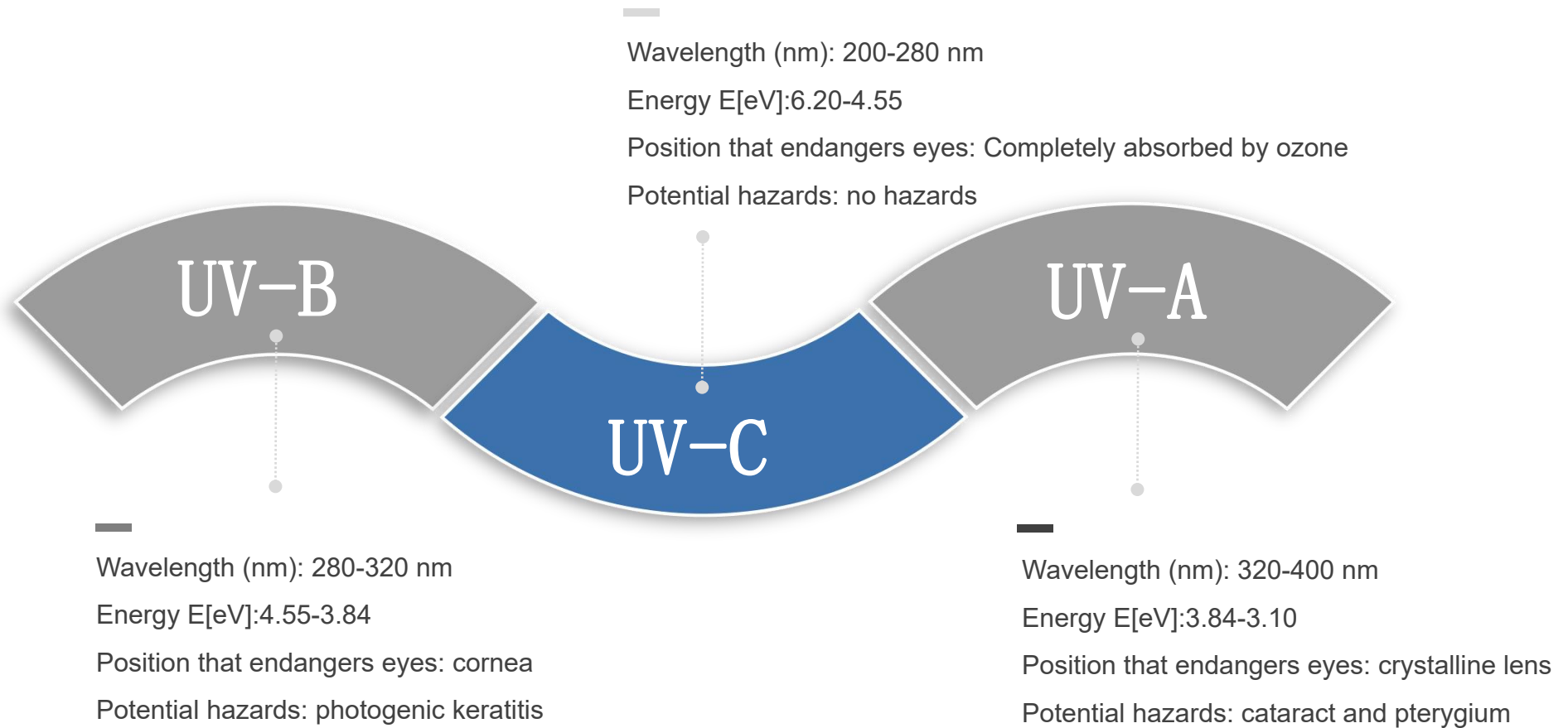
Photochromic lenses are colorless and transparent indoors, and darken outdoors according to the intensity of ultraviolet, thus reducing the light transmittance of the lenses and reducing discomfort and injury caused by direct light rays on eyes.



PART 01

LENS THEORY

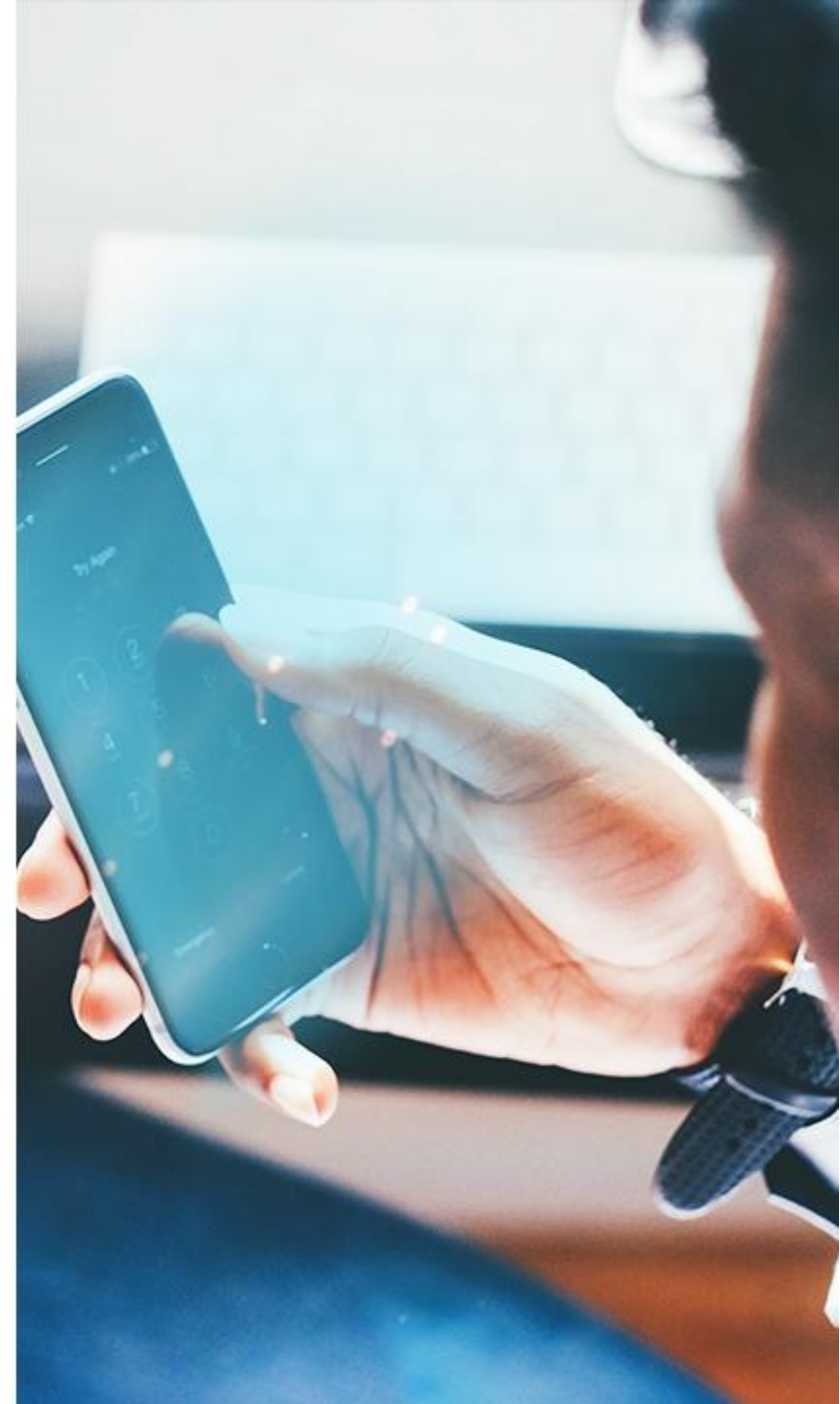
Ultraviolet damage





All-weather Light protection

—
New generation of Sunfilter coating - photochromic lens can not only cut off over 99% ultraviolet damage but also harmful blue light generated by electronics. It reduces eye damage caused by light.





Completely transparent indoor



Color depth with light change



Sensitization outdoor

Advanced technology

New generation of Sunfilter coating photochromic craft

By advanced spin coating technology and high quality photochromic material to realize the lens capacity of rapid color changing and fading.



PART 02

PRODUCT ADVANTAGE



UV

New generation Sunfilter coating photochromic lens

— Provide safer protection!

A coating-photochromic lens independently developed by Conant, which can change into two colors: grey and brown. Its color-changing performance is better than that of most similar lenses.

Color changing and fading Better effect

Change instantly when sensitization

Change color deeper , better shading effect
Fade to transparent rapidly(Outdoor→Indoor
change color intelligently and switch rapidly,
experience the best light feeling.



Test contrast – Color change

Outdoor color change test contrast

Test Lens	Test Environment	Test Temperature	Change Time
Conant Sunfilter Grey	Outdoor natural light	14°C	30S、1M、3M、5M
“T” Grey	Outdoor natural light	14°C	30S、1M、3M、5M



30 seconds



1 minute



3 minutes

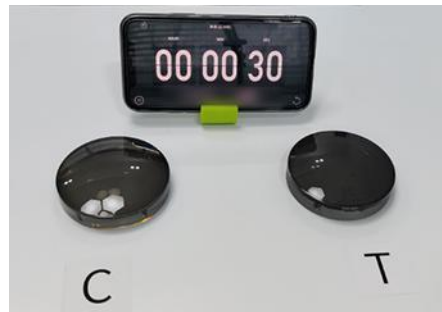


5 minutes

Test contrast – Color fade

Indoor color fade test contrast

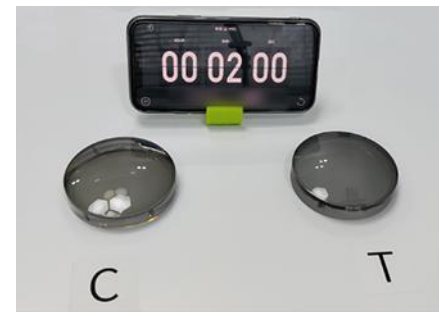
Test Lens	Test Environment	Test Temperature	Fade Time
Conant Sunfilter Grey	Indoor light	14°C	30S、 1M、 2M、 10M
“T” Grey	Indoor light	14°C	30S、 1M、 2M、 10M



30 seconds



1 minute



2 minutes



5 minutes

Change color evenly and naturally

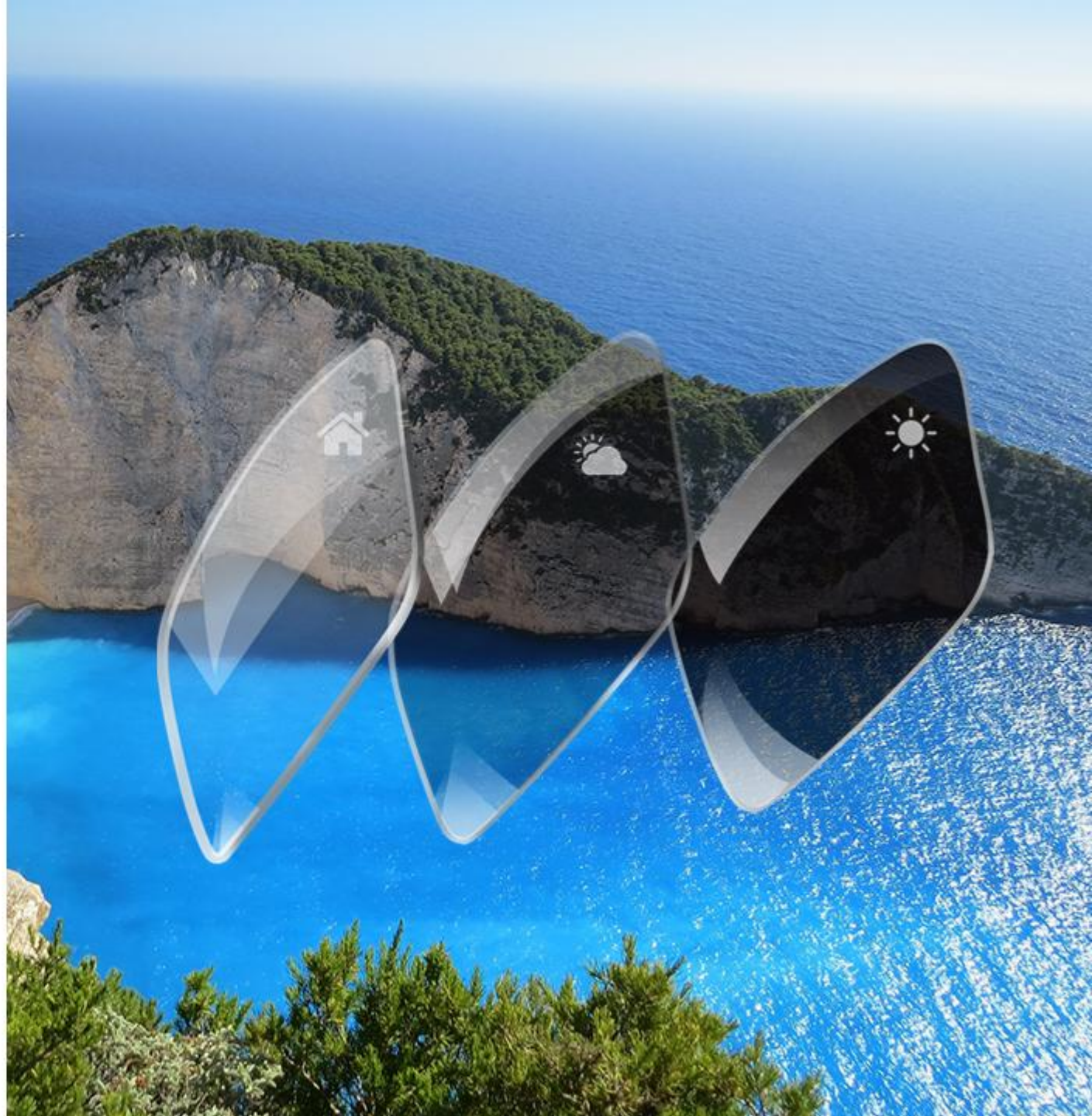
Advanced technology, coating photochromic

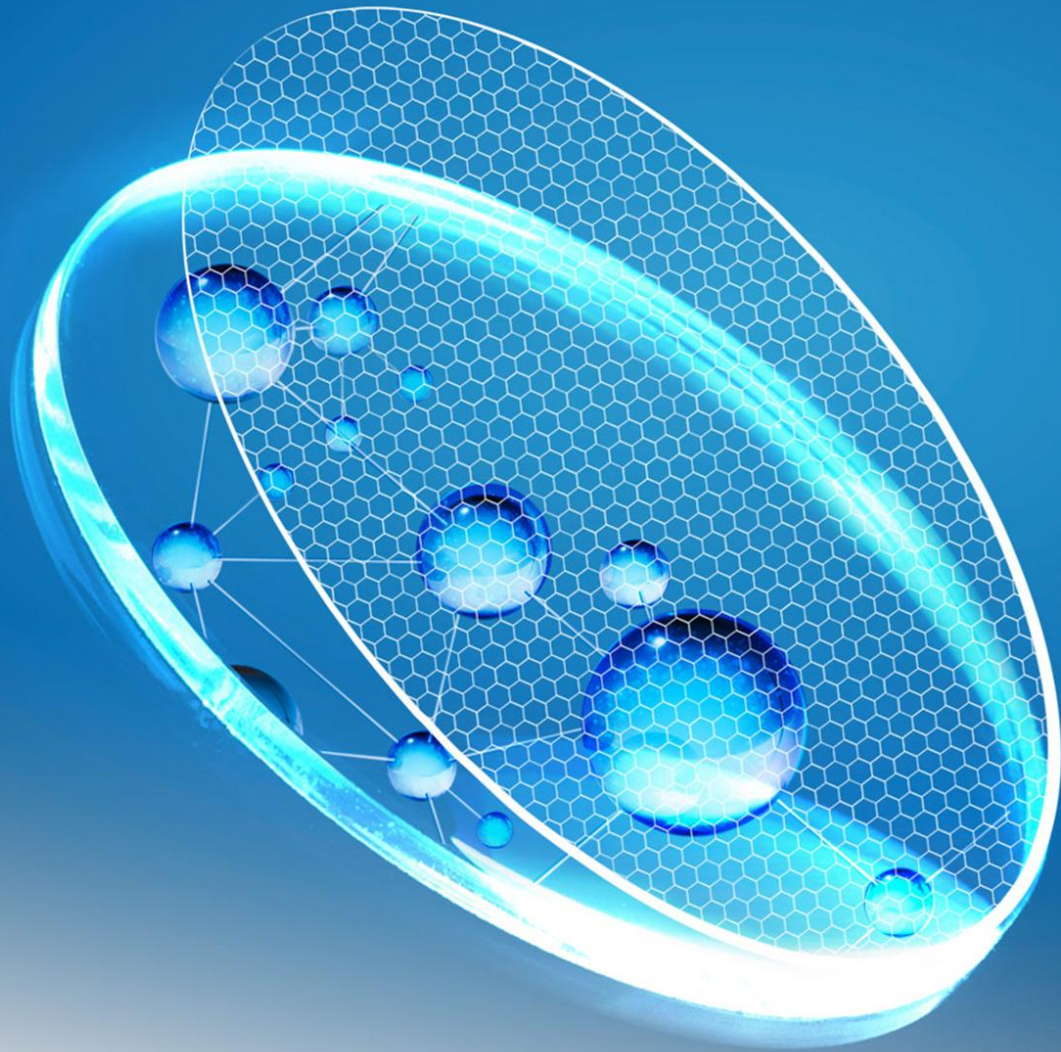
Change color evenly all-round

No aberration under light, more naturally

Softer color, switch rapidly and comfortably

indoor and outdoor





Photochromic coating And lasting

—
In terms of color-changing process, after the Sunfilter coating-photochromic lens is made into a photochromic coating, the coating is protected by a unique process, so that the coating-photochromic of the lens is not easy to damage and the color-changing effect is more lasting.

Adopt Japan Mitsui imported raw material

Sunfilter coating-photochromic lens mainly produce lenses with high refractive indexes of 1.60, 1.67 and 1.74. The high-quality raw materials are all from Mitsui Chemical of Japan. In particular, as the only large-scale manufacturer in China, Conant with refractive index of 1.74 has a better understanding of the characteristics of 1.74 high-refractive lenses. Compared with the color changing effect of other refractive indexes, the coating color changing effect of the 1.74 high refractive index Sunfilter coating-photochromic lens is not inferior and can meet the needs of more customers.



1.60



1.67



1.74



by Mitsui Chemicals



Conant[®]

SHANGHAI CONANT OPTICS CO., LTD.

555 Chuan Da Road Pu Dong Shanghai, 201200

Phone: +86-21-5837 6066

Fax: +86-21-58598686

Website: www.conantoptical.com