



THE ANTI REFLECTIVE LENSES FOR BEST IN CLASS TRANSPARENCY*



Crizal
SAPPHIRE™ 360°

2018.05.25

ESSILOR INNOVATES FOR CLEARER VISION FROM EVERY ANGLE

We're surrounded by multiple sources of light that create reflections and may affect our vision. Find out how Essilor's Crizal® Sapphire™ 360° coating brings a new approach to tackling light reflections indoors and outdoors for a better clarity of vision.

Our lives are filled with light all around us which creates a world full of reflections, with the result that one in every two wearers is bothered by light reflection on their lenses. Through an in-depth study of the changes in our daily light environment as well as consumer expectations, Essilor R&D teams set out to improve visual comfort through better anti-reflective performance and lens transparency.

In creating Crizal[®] Sapphire[™] 360^{°*} coating, researchers redesigned the lens architecture and coating so that the front and back surfaces of the lens interact together to capture light disturbances and from multiple angles. A new patented nanolayer on the back surface was added to minimize visible light reflections at 360[°] while keeping a high level of UV protection.

Crizal[®] Sapphire[™] 360[°] coating was widely tested by wearers in a range of everyday situations such as screen use or driving in order to assess people's experience indoors, outdoors and at different times of day and night. Thanks to its Multi-Angular Technology, lateral reflections are reduced by up to 30% and front reflections are reduced by up to 20%**.

Crizal[®] Sapphire[™] 360[°] coating is the latest innovation in the 25 years history of one of the Group's flagship brands - Crizal[®], first launched in 1992 to improve visual comfort by reducing glare and enhancing the transparency, resistance and durability of lenses. Over the years Crizal[®] has continued to lead the way in bringing clearest vision with better protection, for example through added filters against UV and harmful blue-violet light.

*COMMERCIAL NAME CAN VARY DEPENDING ON COUNTRIES: CRIZAL[®] SAPHIRE[™] 360[°] UV COATING, CRIZAL[®] SAPHIRE[™] COATING, CRIZAL[®] SAPHIRE[™] UV COATING.

** COMPARED TO CRIZAL FORTE[®] UV COATING WITH SIMILAR LENS CONFIGURATION

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INNOVATION

PRODUCTS

ESSILOR CELEBRATES 25 YEARS OF CLEAR VISION WITH CRIZAL



Live life in the clear

2017 marks the 25th anniversary of Crizal coatings that have helped people see life clearly through protecting against glare, scratches, smudges, dust, water, UV and more.

2014.05.16

CORPORATE

ESSILOR INTERNATIONAL WINS INNOVATION AWARD FOR CRIZAL PREVENCIA RESEARCH

Les résultats révolutionnaires des recherches en photobiologie d'Essilor, à l'origine des produits Crizal Previncia, ont été récompensés par un prix de l'innovation fin avril.

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