LIGHT PLAYS AN ESSENTIAL ROLE IN EVERYDAY LIFE

- IT IS FUNDAMENTAL FOR VISION:
  Perception of the surrounding world: shapes, detail, colours.

- GOOD BLUE LIGHT (BLUE-TURQUOISE PART) IS ESSENTIAL FOR OVERALL WELL-BEING:
  Including regulation of sleep/wake cycles, general mood, cognitive performances, along with several other areas.

BUT LIGHT CAN ALSO BE THE CAUSE OF PREMATURE EYE AGING

UV RAYS
UV RAYS ARE AS DANGEROUS TO OUR EYES as they are to our skin. The resulting damage accumulates over a lifetime, accelerating eye aging and the development of cataracts.

BLUE-VIOLET LIGHT
BLUE-VIOLET LIGHT is one of the factors recently identified as a linked risk factor in retinal cell damage.
UV AND BLUE-VIOLET LIGHT IS PRESENT EVERYWHERE

OUTDOORS  WHATEVER THE WEATHER: UV + BLUE-VIOLET LIGHT
(sunny, cloudy, rainy, etc.)

INDOORS  WHEREVER THE PLACE: BLUE-VIOLET LIGHT CAN BE PRESENT TOO

Although to a lesser extent, Blue-Violet light is present indoors through modern low energy lighting. Other devices with backlit white LEDs also transmit a small amount of Blue-Violet light. The amount of Blue-Violet light emitted indoors is however significantly lower than outdoor sunlight.

PROTECTION IS RECOMMENDED ALL DAY LONG, ALL YEAR LONG
CRIZAL’S LATEST INNOVATION SELECTIVELY FILTERS LIGHT

1. REDUCES PREMATURE EYE AGING BY SELECTIVELY FILTERING OUT HARMFUL LIGHT:
   - Reduces retinal cell death by 25% by filtering harmful Blue-Violet light
   - UV protection: Up to 30% more back surface UV protection.

2. PRESERVES YOUR OVERALL WELL-BEING
   - By letting essential visible light pass through (including good Blue-Turquoise), your sleep/wake cycle, mood, cognitive performances are less affected.

3. PROVIDES OPTIMAL VISION AND DURABLE TRANSPARENCY
   - By delivering the best protection against reflections, scratches, smudges, dust and water

---

(1) Crizal Prevencia blocks 20% of the harmful blue-violet light, reducing retinal cell death by 25%. The Blue-Violet light cut may slightly differ depending on lens material. In vitro experiments conducted by Essilor and Paris Vision Institute, Retinal Pigment Epithelium cells were exposed to Blue-Violet light, reproducing the physiological exposure to sunlight of the 40-year-old human eye.

* A new index developed by Essilor, endorsed by an independent 3rd party, certifying the global UV protection of a lens.

E-SPF=25 for Crizal Prevencia lenses, except with Essilor Orma 1.5 E-SPF=10. Lens performance only: The E-SPF excludes direct eye exposure that depends on external factors (wearer’s morphology, frame shape, position of wear). More information on www.essilapro.co.uk
By letting essential visible light pass through (including good Blue-Turquoise) your sleep/wake cycle, mood, cognitive performances are less affected.

**CRIZAL PREVENCIA**

**VISIBLE EFFICACY AGAINST BLUE-VIOLET LIGHT**

**ESSILOR’S FIRST CLEAR LENS WITH**

**HARMFUL BLUE-VIOLET LIGHT PROTECTION**

**WHATEVER THE SITUATION**

**PREVENTION AGAINST BLUE-VIOLET LIGHT IS**

**RECOMMENDED FOR EVERYONE**
**CRIZAL PREVENCIA**
FOR IMPROVED EYE HEALTH PROTECTION

<table>
<thead>
<tr>
<th>EYE PROTECTION</th>
<th>UV PROTECTION E-SPF 25</th>
<th>UV PROTECTION E-SPF 35</th>
<th>UV PROTECTION E-SPF 35</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENS PROTECTION</td>
<td>WATER REPELLENCE</td>
<td>WATER REPELLENCE</td>
<td>WATER REPELLENCE</td>
</tr>
<tr>
<td></td>
<td>DUST RESISTANCE</td>
<td>SCRATCH RESISTANCE</td>
<td>SCRATCH RESISTANCE</td>
</tr>
<tr>
<td></td>
<td>SMUDGE RESISTANCE</td>
<td>SMUDGE RESISTANCE</td>
<td>SMUDGE RESISTANCE</td>
</tr>
<tr>
<td></td>
<td>AR EFFICIENCY</td>
<td>AR EFFICIENCY</td>
<td>AR EFFICIENCY</td>
</tr>
</tbody>
</table>

BLUE-VIOLET LIGHT PROTECTION

UV protection E-SPF 25

UV protection E-SPF 35

*Orma 1.5 lenses E-SPF = 10
THE MOST EFFECTIVE clear lens at SELECTIVE LIGHT FILTERING
- Reduces HARMFUL LIGHT: UV + Harmful Blue-Violet light
- Lets through the GOOD LIGHT (including the essential Blue-Turquoise light)

Helps REDUCE EYE AGING

Offers the BEST LENS PROTECTION against:
- reflections, smudges, scratches, dust and water

PREVENTION AGAINST BLUE-VIOLET LIGHT is recommended FOR EVERYONE
Essilor International is the world leader in the design, manufacture and customisation of ophthalmic lenses. Active on five continents, Essilor offers a wide range of lenses under the flagship Varilux, Crizal, Optifog, Xperio and Essilor brands to correct myopia, hyperopia, presbyopia and astigmatism.

Essilor Crizal Prevencia lenses are Class I medical devices intended for the correction of ametropias and presbyopia, offering selective protection from harmful blue light and UV rays. Essilor informs you that the above information is general information given as prevention and public awareness. For more information Essilor invites you to consult a healthcare professional (optician, optometrist).