Stellest®

The first and only FDA market authorized spectacle lens to slow myopia progression in children*[1]

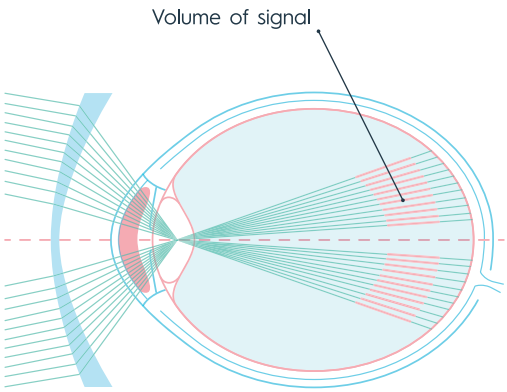
Essilor® Stellest® lenses slowed myopia progression by **71%** on average over 2 years*[1]

A smart combination with dual benefits

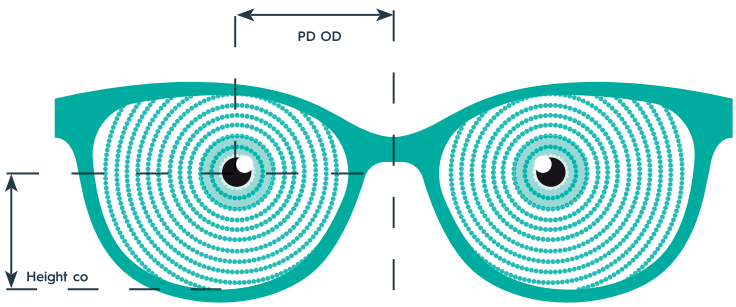
CORRECT Single Vision Zone to correct refractive error.

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CONTROL Powered by H.A.L.T.† technology, the light rays pass through 1021 highly aspherical lenslets. This creates a volume of myopic defocus in front of the retina and follows its shape, which acts as a signal to slow down eye elongation.



Fitting



- **Horizontally**
  Monocular pupillary distance OD and OS.
- **Vertically**
  Monocular heights OD and OS: mark the monocular pupil center in horizontal gaze direction.

The large surface covered by lenslets allows a wide frame choice

And offers the H.A.L.T† technology benefits in all gaze directions from edge to edge.

* Compared to single vision lenses. Results from a prospective, randomized, double-masked, multicenter U.S. clinical trial in myopic children aged 6–12 years at initiation of treatment.
† H.A.L.T. is an acronym for Highly Aspherical Lenslet Target and does not imply a "halt" or "stop" of myopia progression.
1. Essilor International, data on file (2025).

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Who?

Essilor® Stellest® lenses can be recommended to children, as soon as myopia has been detected in a child, after an eye exam performed by an eye care professional.

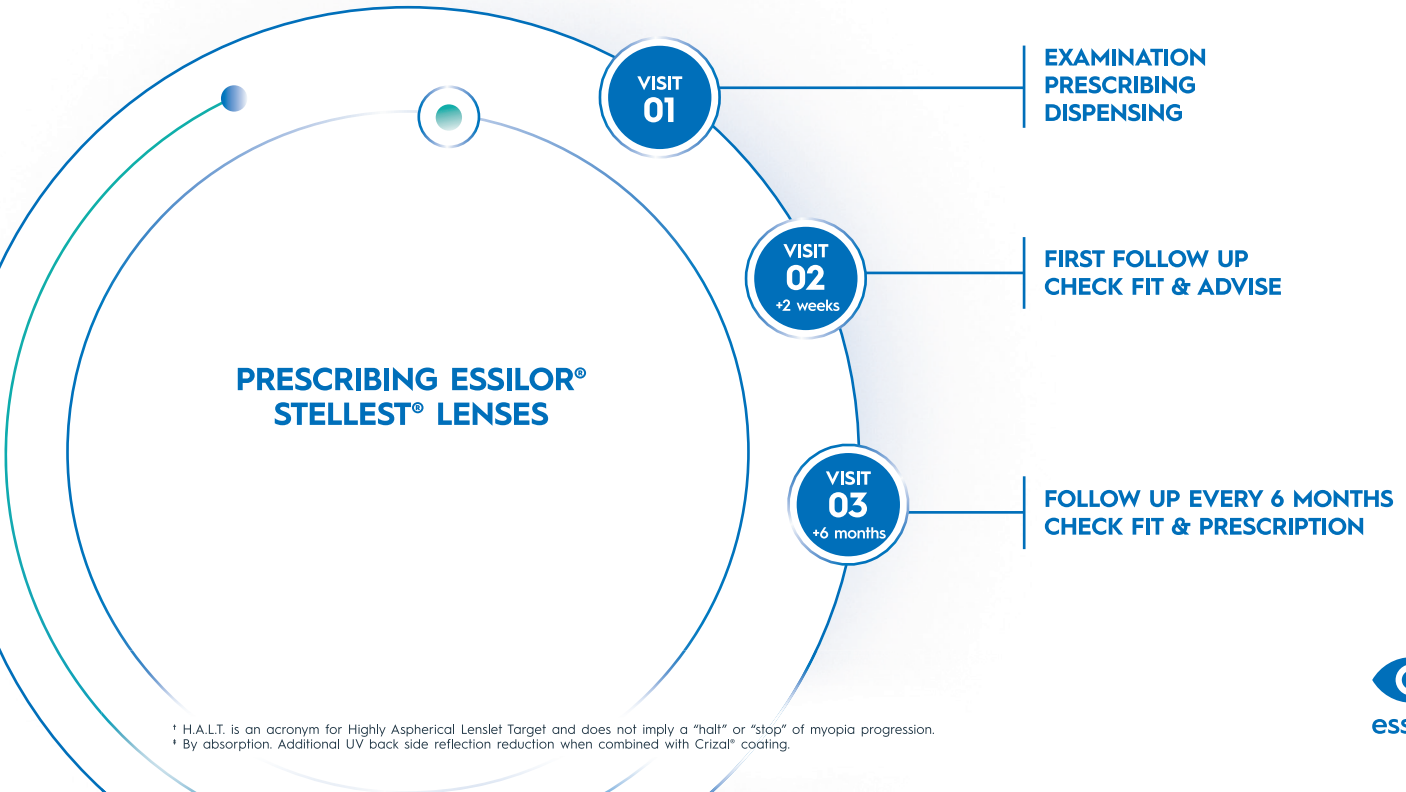
Range availability

Technology	H.A.L.T†
Sphere/Cylinder power*	SPH: [0.00; -10.00]; CYL [0.00; -4.00]
Coating	Crizal® Easy Pro
Material	Polycarbonate 1.59
UV cut off	100% UV Protection‡

Additional recommendations to give to parents and children

1) Increase children's outdoor time.

2) Follow the 20/20/20 rule (every 20 minutes, focus on an object 20 feet away for at least 20 seconds) to give children's eyes a constant break.



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‡ By absorption. Additional UV back side reflection reduction when combined with Crizal® coating.

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