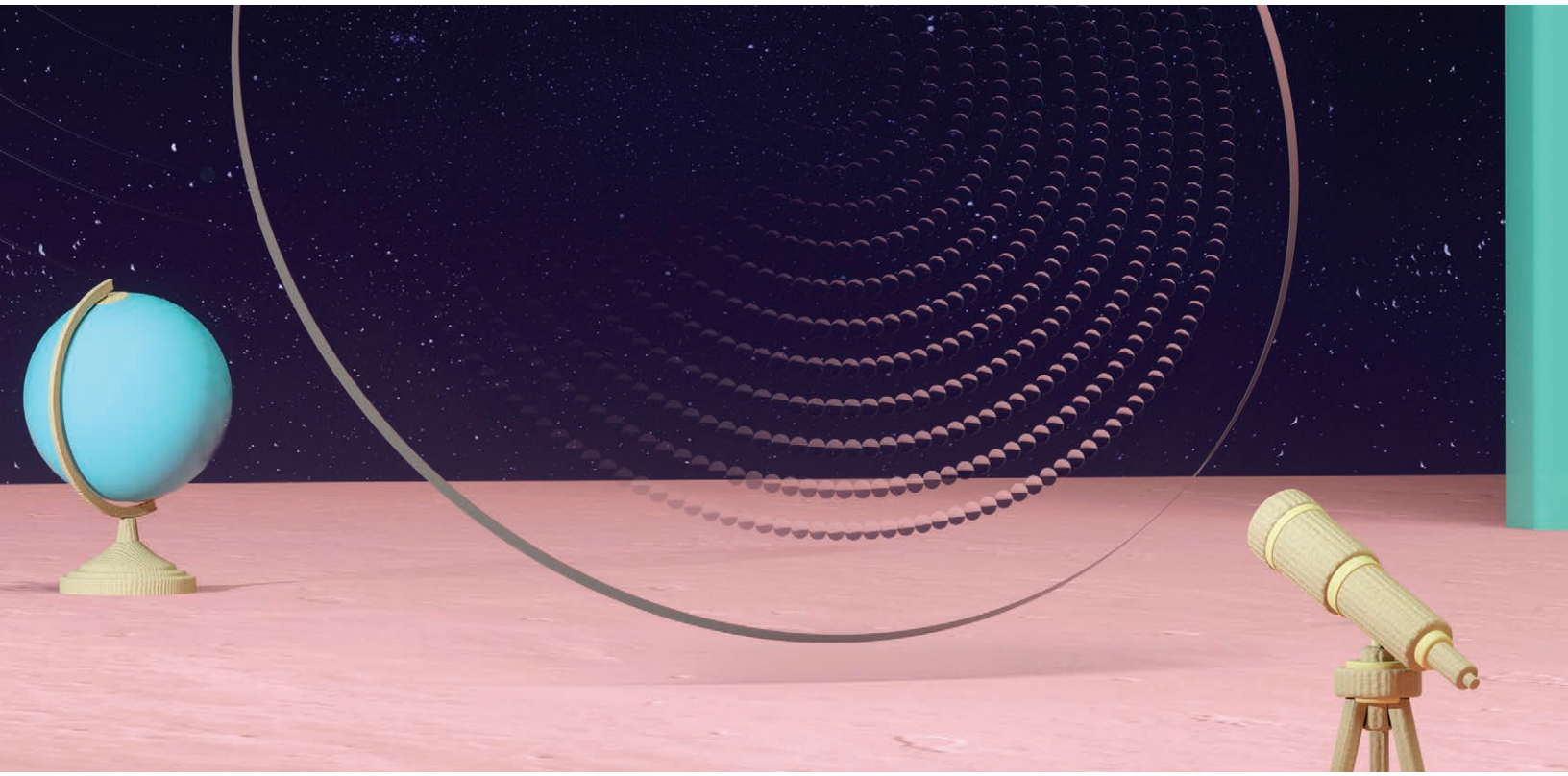
Stellest™

Essilor®
#1 in spectacle lenses
worldwide*



Stellest™ lenses: Essilor's best solution to slow down myopia progression in children

Essilor® Stellest™ lenses slow down myopia progression by 67% on average[1], compared to single vision lenses, when worn 12 hours a day

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(1) Compared to single vision lenses, when worn by children at least 12 hours per day every day. Bao, J., Huang, Y., Li, X., Yang, A., Zhou, F., Wu, J., Wang, C., Li, Y., Lim, E.W., Spiegel, D.P., Drobe, B., Chen, H., 2022. Spectacle Lenses With Aspherical Lenslets for Myopia Control vs Single-Vision Spectacle Lenses: A Randomized Clinical Trial, in China. JAMA Ophthalmol. 140(5), 472–478. https://doi.org/10.1001/jamaophthalmol.2022.0401
** Essilor, #1 in spectacle lenses worldwide - Euromonitor, Eyewear 2021 edition; Essilor International company; worldwide retail value sales at RSP.*

SEE YOUR SERVICE THROUGH THEIR EYES

Your patients want to understand their prescription, and it's your expertise that can help them make sense of the wealth of options and better understand the value of your recommendation.

Now your patients can have even more confidence in their choice.
Boosted by your guided recommendation, Essilor® lenses provide tailored
solutions to every wearer, and bring them the best possible vision solution.

- Essilor® lenses not only **CORRECT** your patients' vision
- But also **PROTECT** their eyes from harmful blue and UV light
- And **ENHANCE** the clarity of their lenses

With this clear, three-step recommendation process supporting your expertise, the combination of our **CORRECT**, **PROTECT** and **ENHANCE** protocol helps you provide customers with tailored solutions while making them understand why it is the solution for them. Empowering your customers and giving them confidence in their choices will help you win their loyalty.

Essilor®

#1 in spectacle lenses

worldwide*

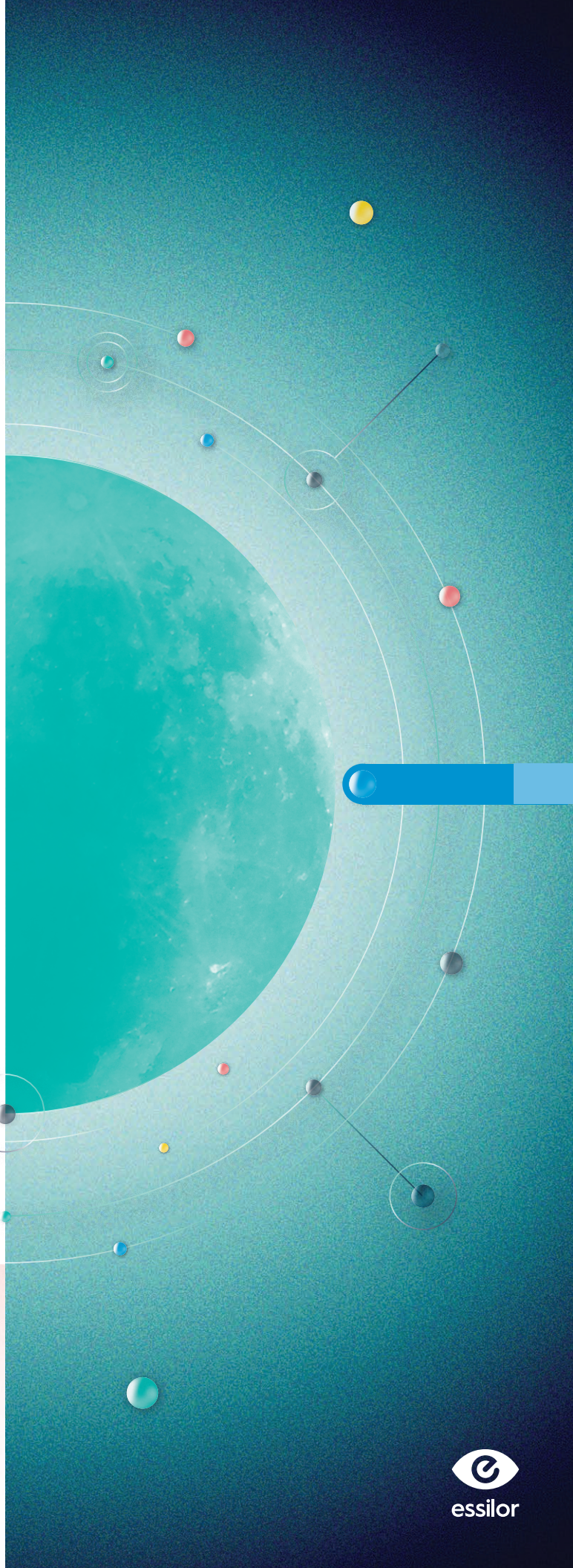
(1) Euromonitor, Eyewear 2021 edition; Essilor International; Retail value sales at RSP.

ESSILOR® TAKE THE LEAD BY GIVING CHILDREN VISION FOR THEIR FUTURE

We can't let myopia jeopardize our children's development any longer.

As a long-established world leader in eyeglass lenses, Essilor® has led the way in cutting-edge innovation and pioneering science to deliver an unprecedented solution for a growing concern that is affecting lives of more and more children. Teams from all over the world shared their expertise in order to find the best technology to protect myopic eyes.

Essilor® unveils Stellest™ lenses, a genius innovation to fight myopia progression which may lead to high myopia.



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OUR CIVILIZATION IS FACING A GROWING HEALTH PROBLEM: MYOPIA

MORE AND MORE YOUNG PATIENTS ARE DEVELOPING MYOPIA

While genetics imply that myopia or short-sightedness is often handed down from generation to generation, lifestyle changes, like more time spent indoors and on screens, are making it increasingly common[1].

Prevalence of myopia is growing at an alarming rate.

By 2050, half the world's population, five billion people, will be myopic and nearly a billion people will be highly myopic[1].

MYOPIA IMPACTS CHILDREN'S WELL-BEING AND DEVELOPMENT

80% of all learning occurs through vision[2]

1 in 3 children can't see the board clearly[3]

(1) The impact of myopia and high myopia: report of the Joint World Health Organization - Brien Holden Vision Institute Global Scientific Meeting on Myopia, University of New South Wales, Sidney, Australia, 16-18 March 2015. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
(2) Eyeglasses for Global Development: Bridging the Visual Divide; World Economic Forum, Social Entrepreneurs, EYElliance; June 2016.*
(3) Essilor See Change – Put Vision First global campaign 2017.

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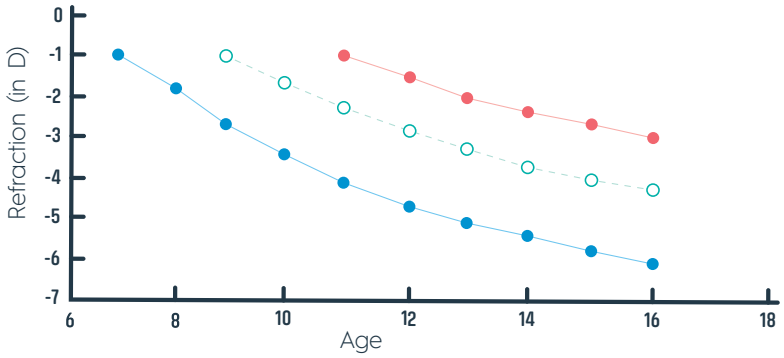
MYOPIA CAN PROGRESS RAPIDLY IN CHILDREN, WHICH MAY LEAD TO HIGHT MYOPIA

The younger a child is when they develop myopia, the faster it will progress[1].



- ONSET AT 7 YO WITH -1.00 D LIKELY TO REACH -6.00 D AT 16 YO
- LATER ONSET AT 11 YO WITH -1.00D LIKELY TO REACH -3.00 D AT 16YO

(1) A less myopic future: what are the prospects? Clin Exp Optom, 98 (6), 494-6

EACH ADDITIONAL DIOPTER OF MYOPIA IS ASSOCIATED WITH AN INCREASED RISK OF MANY OCULAR CONDITIONS[2] SUCH AS MYOPIC MACULOPATHY, OPEN-ANGLE GLAUCOMA, POSTERIOR SUBCAPSULAR CATARACT, AND RETINAL DETACHMENT LATER IN LIFE[3]

10x more risk of developing vision impairment for a -8.00 D myope than a -4.00 D myope[4]

(2) Bullimore, M.A., Brennan, N.A., 2019. Myopia Control: Why Each Diopter Matters. Optom. Vis. Sci. 96, 463–465.
(3) Bullimore, M.A., Ritchey, E.R., Shah, S., Leveziel, N., Bourne, R.R.A., Flitcroft, D.I., 2021. The Risks and Benefits of Myopia Control. Ophthalmology 0.
(4) Liu, H.H., Xu, L., Wang, Y.X., Wang, S., You, Q.S., Jonas, J.B., 2010. Prevalence and progression of myopic retinopathy in Chinese adults: the Beijing Eye Study. Ophthalmology 117, 1763–1768.

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ESSILOR® UNVEILS STELLEST™ LENSES: A GAME-CHANGING INNOVATION THAT SLOWS DOWN MYOPIA PROGRESSION BY 67% ON AVERAGE[1]

A SMART COMBINATION WITH DUAL BENEFIT

Stellest™ lenses are designed with two ingenious, complementary parts that work together to create a powerful effect.

With pioneering technology, this genius lens is made up of a constellation of invisible[2] lenslets to slow down myopia progression.

CORRECT

THE SINGLE VISION ZONE BRINGS SHARP VISION IN ALL GAZE DIRECTIONS.

CONTROL

WITH H.A.L.T.[3] TECHNOLOGY THE ESSILOR® STELLEST™ LENS SLOWS DOWN MYOPIA PROGRESSION.

(1) Compared to single vision lenses, when worn by children at least 12 hours per day every day. Bao, J., Huang, Y., Li, X., Yang, A., Zhou, F., Wu, J., Wang, C., Li, Y., Lim, E.W., Spiegel, D.P., Drobe, B., Chen, H., 2022. Spectacle Lenses With Aspherical Lenslets for Myopia Control vs Single-Vision Spectacle Lenses: A Randomized Clinical Trial, in China. JAMA Ophthalmol. 140(5), 472–478. https://doi.org/10.1001/jamaophthalmol.2022.0401
(2) Aesthetic finish.
(3) Highly Aspherical Lenslet Target.

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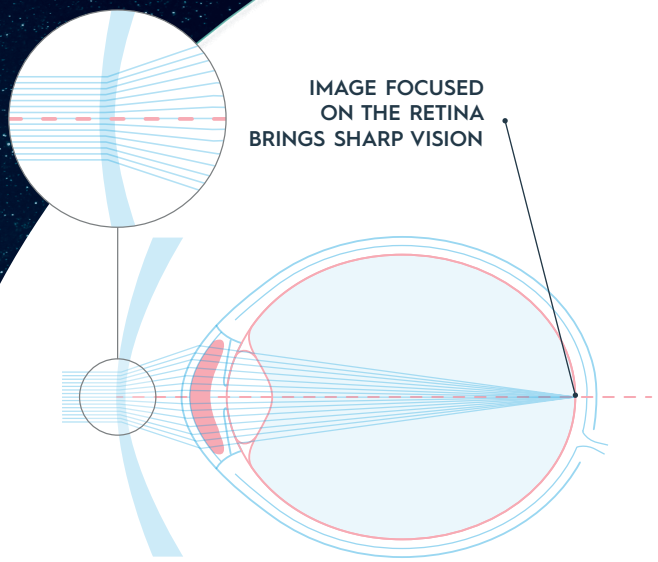
HOW DOES IT WORK?

1. CORRECT

WITH THE SINGLE VISION ZONE

The single vision zone carries the wearer's prescription and brings **sharp vision** by focusing light on the retina. The lens design ensures a large prescription zone, which guarantees **good visual acuity** and **comfort** for the wearer.



2. CONTROL

WITH H.A.L.T.(1) TECHNOLOGY

Essilor® went a step further to help control myopia by creating **H.A.L.T (Highly Aspherical Lenslet Target) technology**, a unique innovation tailored to the myopic eye.
The constellation of 1021 lenslets spread over 11 rings was designed to create for the first time a **volume of signal** that slows down the elongation of the eye.

In children, whose eyes are still developing, this volume of signal allows us to keep the eye elongation process in check.

Light rays cross the constellation and create a volume of non-focused light in front of the retina, following its shape. This signal allows us to slow down the eye elongation.

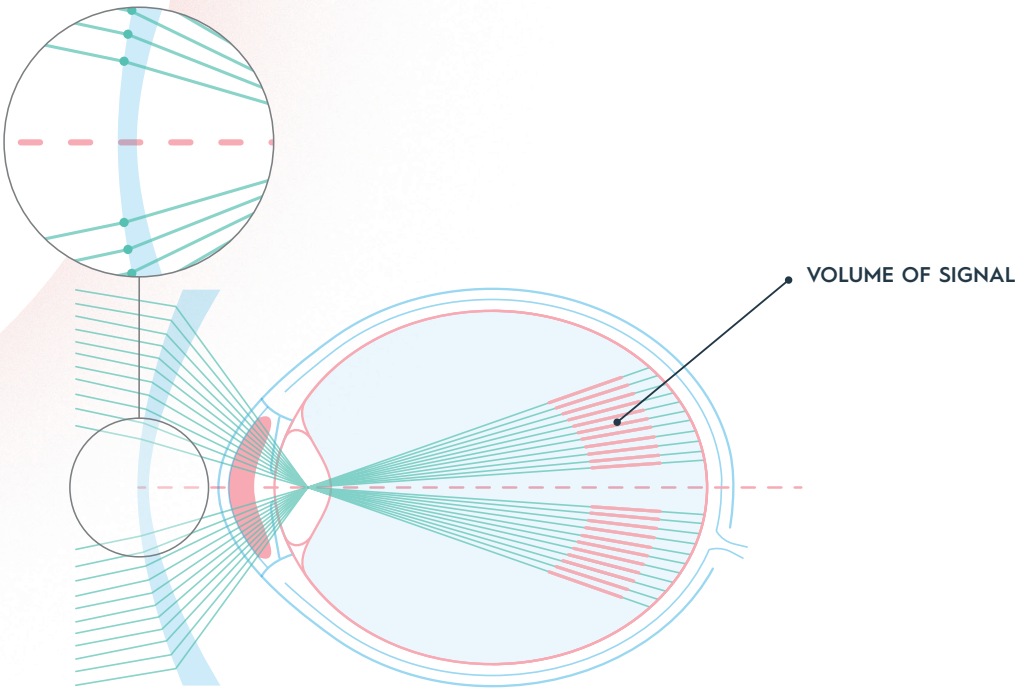
(1) Highly Aspherical Lenslet Target.

A STATE-OF-THE-ART TWO-YEAR CLINICAL TRIAL DEMONSTRATED STRONG EVIDENCE FOR THE EFFICACY OF STELLEST™ LENSES

- Two-year prospective, controlled, randomized, double-masked clinical trial
- 104 myopic children split in two groups : single vision lenses (50) and Stellest™ lenses (54)
- Wenzhou Medical University Essilor International Research Centre (China)

Essilor® Stellest™ lenses slow down myopia progression by 67% on average[2].

After the first year, the eye growth of 9/10 children wearing Stellest™ lenses was similar or slower than non myopic children[3].



(2) Compared to single vision lenses, when worn 12 hours a day. Two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Stellest™ lenses compared to 50 myopic children wearing single vision lenses. Efficacy results based on 32 children who declared wearing Stellest™ lenses at least 12 hours per day every day. Bao J. et al. (2021). Myopia control with spectacle lenses with aspherical lenslets: a 2-year randomized clinical trial. Invest. Ophthalmol. Vis. Sci.; 62(8):2888.

(3) Two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Stellest™ lenses compared to 50 myopic children wearing single vision lenses. Results based on 32 children who declared wearing Stellest™ lenses at least 12 hours per day every day. Eye growth of non-myopic children based on 700 datapoints of schoolchildren enrolled in the Wenzhou Medical University-Essilor Progression and Onset of Myopia (WEPrOM) prospective cohort study. Stable correction need defined as a spherical equivalent refraction change on both eyes strictly lower than 0.50D.

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ESSILOR'S BEST SOLUTION TO SLOW DOWN MYOPIA PROGRESSION

CORRECT

- Sharp vision in all gaze directions.

For children, a vision as clear as with single vision lenses[1].

CONTROL

- H.A.L.T.[3] technology constellation of invisible[4] lenslets.

67% of myopia progression slowdown on average, compared to single vision lenses, when worn 12 hours a day[2].

NO COMPROMISES

- Aesthetic, safe and simple.

90% of children fully adapted within 3 days and 100% within a week.

(1) Two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Stellest™ lenses compared to 50 myopic children wearing single vision lenses. Results based on 32 children who declared wearing Stellest™ lenses at least 12 hours per day every day. Bao, J. et al. (2021). One-year myopia control efficacy of spectacle lenses with aspherical lenslets. Br. J. Ophthalmol. doi:10.1136/bjophthalmol-2020-318367.
(2) Compared to single vision lenses, when worn 12 hours a day. Two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Stellest™ lenses compared to 50 myopic children wearing single vision lenses. Efficacy results based on 32 children who declared wearing Stellest™ lenses at least 12 hours per day every day. Bao J. et al. (2021). Myopia control with spectacle lenses with aspherical lenslets: a 2-year randomized clinical trial. Invest. Ophthalmol. Vis. Sci.; 62(8):2888.
(3) Highly Aspherical Lenslet Target. (4) Aesthetic finish.

STELLEST™ LENS, A GAME CHANGING INNOVATION

WHY?

99% of parents are concerned about their child's myopia progression[3].

"A long-term solution to my child's eye problems"[3]

97% of parents are convinced that Stellest™ lenses are:
- Efficient on the long term
- Convenient
- Suitable for their kids[3]

STELLEST™ LENSES RECOMMENDATION

Stellest™ lenses are recommended to all myopic children who are:

- starting to get myopia
- already myopic

Stellest™ lenses can be prescribed for myopic children up to -10D.

After an eye exam performed by an Eyecare Professional.

(3) Stellest™ Product positioning — OPINION WAY – 2019 – China – 500 parents myopic children aged 4-13 year old.

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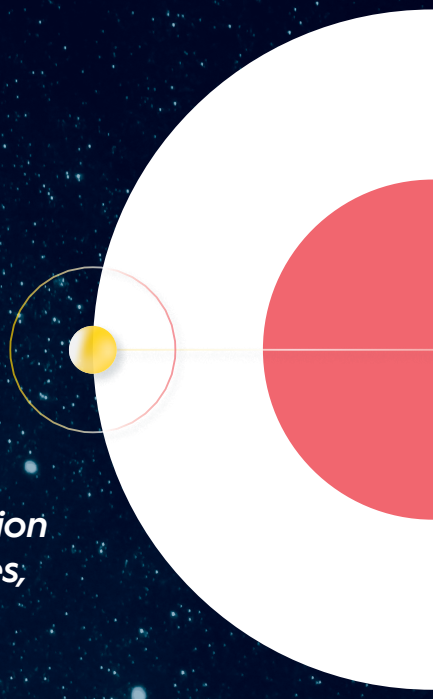
HOW TO PRESCRIBE & DISPENSE STELLEST™ LENSES?

HOW TO INTRODUCE STELLEST™ LENSES

When it comes to myopia, correcting your child's eyesight today won't necessarily protect them tomorrow. Myopia can still worsen with time and greatly affect their vision in the future.

Stellest™ lens is Essilor's best solution to fight your child's myopia and its strong efficacy has been clinically proven.



- ***Essilor® Stellest™ lenses slow down myopia progression by 67% on average, compared to single vision lenses, when worn 12 hours a day[1].***
- ***After the first year, the eye growth of 9 out of 10 children wearing Stellest™ lenses was similar or slower than non myopic children[2].***
- ***Moreover, 2 out of 3 children who wore Stellest™ lenses have had a stable need in vision correction after the first year[2].***

(1) Compared to single vision lenses, when worn 12 hours a day. Two-year prospective, controlled, randomized, double-masked clinical trial results on 54 myopic children wearing Stellest™ lenses compared to 50 myopic children wearing single vision lenses. Efficacy results based on 32 children who declared wearing Stellest™ lenses at least 12 hours per day every day. Bao J. et al. (2021). Myopia control with spectacle lenses with aspherical lenslets: a 2-year randomized clinical trial. Invest. Ophthalmol. Vis. Sci.; 62(8):2888.

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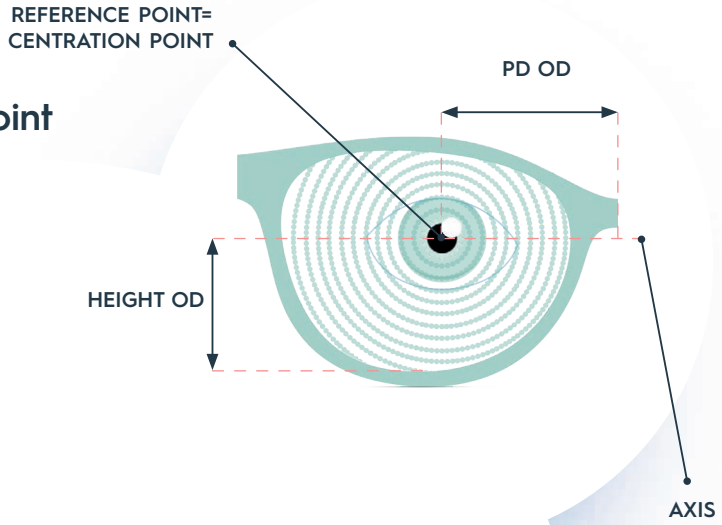
FITTING & MOUNTING

- Position of the reference point = center of the rings of the lenslets.
- Marking (dot) to be used as a reference point as for a single vision lens.
- Fitting: Monocular pupillary distances and monocular heights.



STELLEST™ LENSES TAKES ADVANTAGE OF AIRWEAR® LENS MATERIAL

Children can feel safe with Airwear® lenses. They are comfortable, protective and and made with the most shock-resistant lens material(1) to fit with their active lifestyle.

- Up to 40 times more impact resistant(1)
- Up to 16% lighter(2)
- Up to 21% thinner(2)
- Blocks 100% of UV transmission(3)

AVAILABILITY RANGE

Technology	H.A.L.T.(4)
Diameter (mm)	Ø65 mm, Ø70mm
Sphere/Cylinder power	Sph [0,00; -10,00] Cyl [0,00; -4,00] Max combined -10,00
Coating	Crizal® Kids
Material	Airwear®

(1) Test realized on multiple materials 1.50, 1.53, 1.56, 1.60, 1.67 and 1.74 in comparison with 1.59 by an accredited external laboratory using method defined in the safety US standard ANSI/ISEA Z87.1-2020 clause(s) 7.1.4.3 on High Velocity Impact and 9.14 on Prescription Lenses Material Qualification Test using plano lenses with the same hard coat and 2.0mm+/-0.2mm center thickness.
(2) compared to 1.50 lenses.
(3) ISO 8980-3 Standard defines UV upper limit at 380nm.
(4) Highly Aspherical Lenslet Target.

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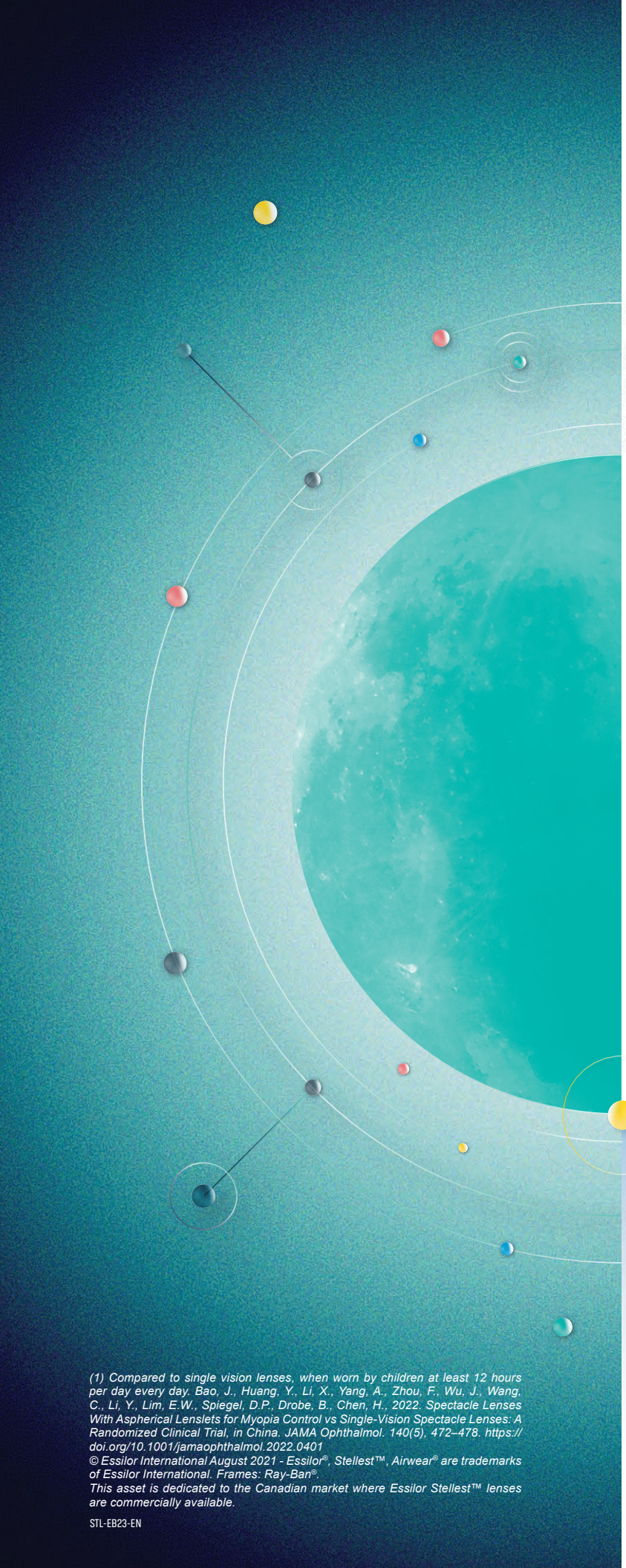

STELLEST™ LENSES IN A NUTSHELL

- **CORRECT MYOPIA**
  The single vision zone brings sharp vision.

- **CONTROL MYOPIA PROGRESSION**
  Slow down myopia progression by 67% on average[1], compared to single vision lenses, when worn 12 hours a day.

- **NO COMPROMISES**
  Stellest™ lenses are aesthetic, safe and simple.

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(1) Compared to single vision lenses, when worn by children at least 12 hours per day every day. Bao, J., Huang, Y., Li, X., Yang, A., Zhou, F., Wu, J., Wang, C., Li, Y., Lim, E.W., Spiegel, D.P., Drobe, B., Chen, H., 2022. Spectacle Lenses With Aspherical Lenslets for Myopia Control vs Single-Vision Spectacle Lenses: A Randomized Clinical Trial, in China. JAMA Ophthalmol. 140(5), 472–478. https://doi.org/10.1001/jamaophthalmol.2022.0401

This asset is dedicated to the Canadian market where Essilor Stellest™ lenses are commercially available.

STL-EB23-EN