What does the Binocular Booster technology do for patients?

PATIENT BENEFIT = Smooth transitions from distance to near.

Binocular Booster technology:
1. Considers the right and left lens prescriptions regardless of the difference in correction.
2. Develops an optimized calculation for both lenses so the eyes work better together to focus more easily.

Binocular Booster technology modifies the lens design for smooth transitions from distance to near so the eyes work better together to focus more easily.

Binocular Booster is available with the following lens designs:

- Varilux® Physio® W3+ Eyecode™
- Varilux® Physio® W3+ Fit
- Varilux® Physio® W3+
How does Binocular Booster technology work? (continued)

How does Binocular Booster technology help the eyes work better together?

Beginning with the prescription for each eye, Binocular Booster technology calculates the lenses as a pair, allowing the eyes to work better together with smooth transitions from distance to near.

**Binocular Booster** technology steps to create a binocularly optimized lens:

**STEP 1**
Calculates best design for each eye

**STEP 2**
Determines best binocular target

**STEP 3**
Matches each lens to binocular target

Patient Benefits

- Smoother transitions from distance to near.
- Both eyes work better together.

Patented technologies – others do not compare

Varilux lenses with Binocular Booster technology are created with 3 unique patented technologies that competitors cannot duplicate.

- US Patent # 7,207,675B1: protects vertically extended distance zone
- EP11305175.9: protects the binocular calculation of Varilux S Series lenses
- EP2325617: protects a method that has been developed to evaluate the binocular performance of a pair of lenses

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