



OmniLux[®]

Natural Accommodation Lens

NAL[®]

1st in the world

No Fitting Height Measurement

Natural Instinctive Vision

No Adaptation Period Required



OmniLux®

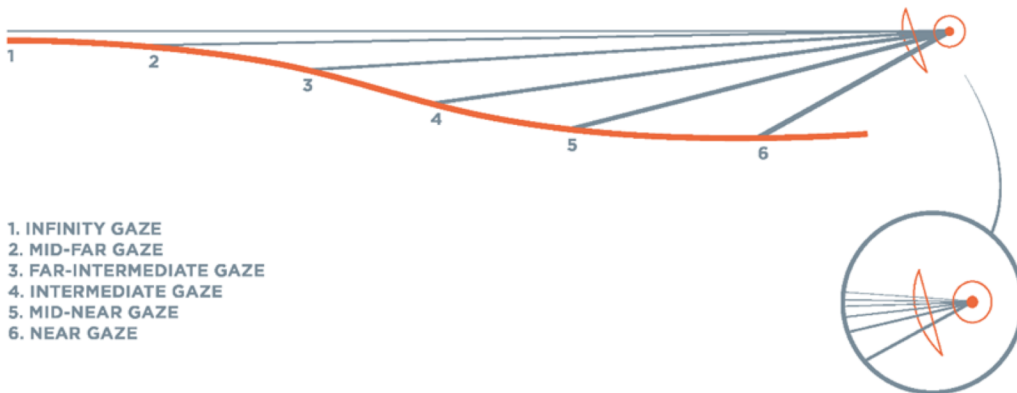
A new lens concept is born: Natural Accommodation Lens (NAL®)



Michael Walach, the Inventor, President of Quest Vision Care Specialty Lab and the CEO of QLDS, Inc.

The NAL® does not have the short, awkward to navigate intermediate vision corridor inherent on PALs. NAL® has a funnel shaped visual field comprised of substantially aspheric, lateral power bands that are vertically aligned along the vertical design backbone. The design backbone is a mathematically created curvature based on actual natural downward gaze focal length deceleration requirements, using our unique eye/lens interaction ergonomic model, and extensive PAL fitting data.

NAL FOCAL LENGTH BACKBONE DECELERATION RAMP



On September 21, 2021, the USPTO issued US Patent No.: US 11,126,012 B1 for Broadview Natural Addition Lens. On March 29, 2022, USPTO has granted a second patent, US Patent No.: US 11,287,673 B1. NAL® and OMNILUX® are USPTO registered trademarks, the registrant Michael Walach.

NO ADAPTATION PERIOD OR NON-ADAPTS DUE TO FEELINGS OF SWIM OR NAUSEA

Producer and global distributor of digital free-form lens design software



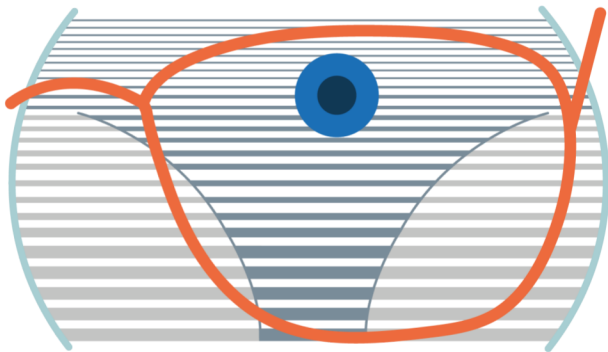


NAL[®] TECHNOLOGY SUPERIORITY

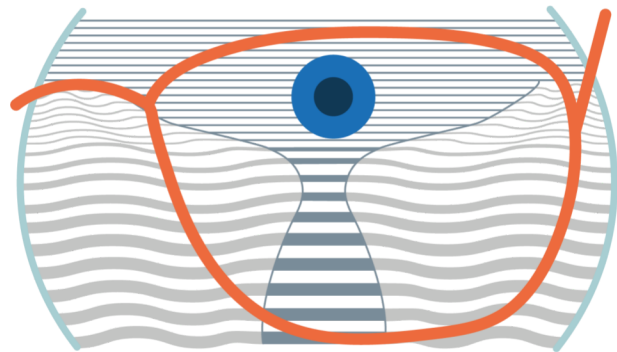
INTRODUCTION & BENEFITS

- ✓ Visuals fields are funnel shape rather than hour glass shape with smoothly connected visual fields providing natural vision from distance to near
- ✓ Wide intermediate visual fields provides effortless mid-range navigation
- ✓ Comfortable near reading vision

NATURAL
ACCOMODATION LENS



PROGRESSIVE
ACCOMODATION LENS



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OMNILUX® IS A PREMIUM PRODUCT THAT CAN BE OFFERED FOR A PREMIUM PRICE

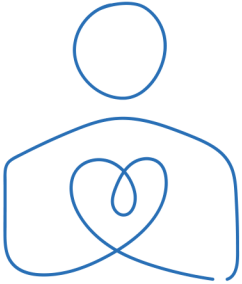
- ✓ Eliminates costly redos and non-adapt issues due to fitting height errors
- ✓ Reduces valuable dispensing time - requires no fitting height
- ✓ Power verification and PRP is at one point only - at the ERP
- ✓ Simplifies the finishing layout - edged like single vision.
- ✓ Increase multifocal sales, OMNILUX® is available in all materials and treatments



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LAB ORDERS, INSPECTION, EDGING, DISPENSING



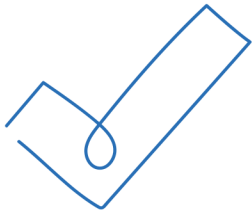
DISPENSING

- Minimum recommended frame "B" measurement is 32 mm
- Measure **monocular PD** - just like single vision lenses
- For optimum visual performance recommended fitted pantoscopic tilt 10° to 12°
- No fitting height required - intelligent, self-regulating height adjustment



LAB ORDERS

- Due to the intelligent self-regulating height design adjustment the NAL® OMNILUX® lens requires a tracing.



EDGING

- Only horizontal decentration for the PD just like single vision lenses



INSPECTION

- The laser Engraving Marks are 34mm apart and are **always** located at the vertical center of the frame. The Engraving Reference Point (ERP) is centered between the Engraving Marks
- The Prism Reference Point (PRP), Power Verification Point (PVP), and Layout Reference Point (LRP) all coincide at the ERP - single point inspection

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DISPENSING & DISPENSING TIPS

DISPENSING TIPS

- ✓ Place frame on the patient. Adjust "as worn" pantoscopic tilt at 10° to 12° for optimum visual performance as recommended on most advanced freeform multifocal lenses
- ✓ Validate patient's distance, arms length (typically a computer monitor) and near vision with the reading card
- ✓ If there is an issue with comfortable natural vision at any gaze ask the patient to raise then lower their chin while their gaze is locked on an object to establish the best vision position, then adjust the frame accordingly
- ✓ Consider Martin's Formula - every 2° increase of pantoscopic tilt raises the optical center/ Omnilux vertical design position by 1mm
- ✓ Correct adjustment of pantoscopic tilt has positive effect on the clarity

"Without deviation from the norm, progress is not possible"
Frank Zappa

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