LENS DESIGN SOFTWARE
QLDS

NAL® - NATURAL ACCOMMODATION LENS

OmniLux®

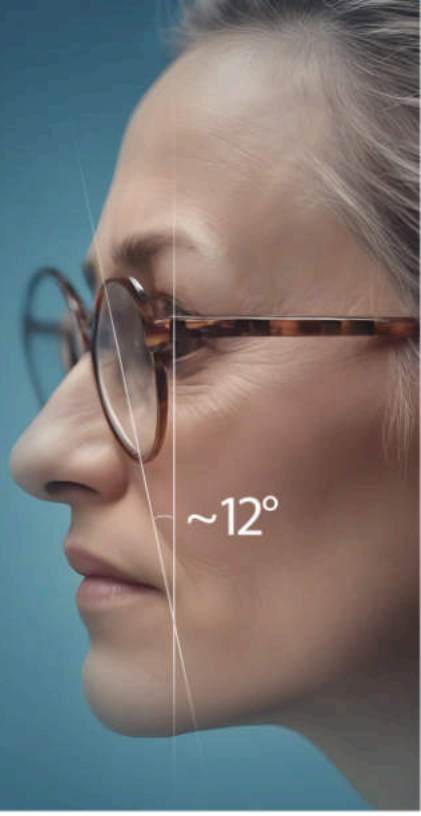
Fitting & Dispensing Guide

ADJUST THE FRAME

Pantoscopic tilt is the key!

ALWAYS CHECK ON THE FACE

- Select a frame with a minimum "B" measurement of 32mm
- Adjust the frame on the patient for maximum comfort and accuracy before taking any measurements
- Set the recommended pantoscopic tilt between 10° and 12° Make sure it is never less than 10°
- Frame should have positive facial wrap



MEASURE PUPILLARY DISTANCE

Always take monocular PD to ensure exact decentration of the eye behind the lens

OmniLux®
NAL® Natural Accommodation Lens

There are two kinds of Omnilux® NAL® lenses

THE ONLY DIFFERENCE IS IN HOW THE DESIGN IS PLACED ON THE LENS

OmniLux®
NAL® Natural Accommodation Lens

Fitting Height is not needed
But Tracing data is required
for the Ai in order to calculate
the individual design placement

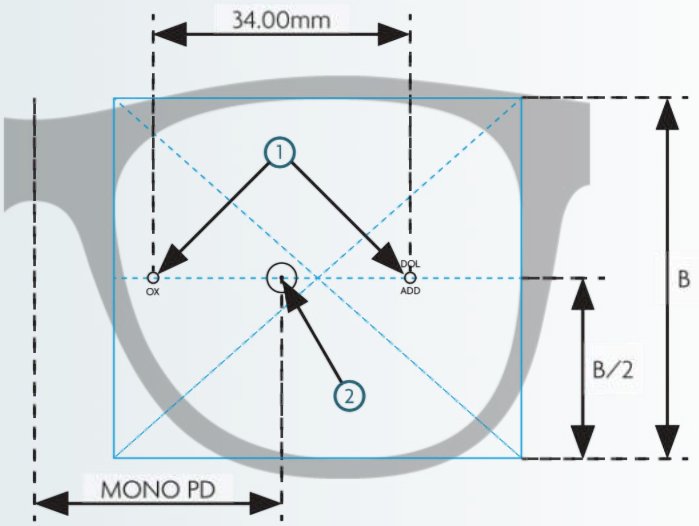
OmniLux® CUSTOM
NAL® Natural Accommodation Lens

Fitting Height is required
And no Tracing data is needed
as the Ai is not involved in
the individual design placement

OmniLux®
NAL® Natural Accommodation Lens

ENGRAVING INDEX

Description	Engraving
Omnilux® NAL®	OX
Addition Power	ADD



① Engraving marks

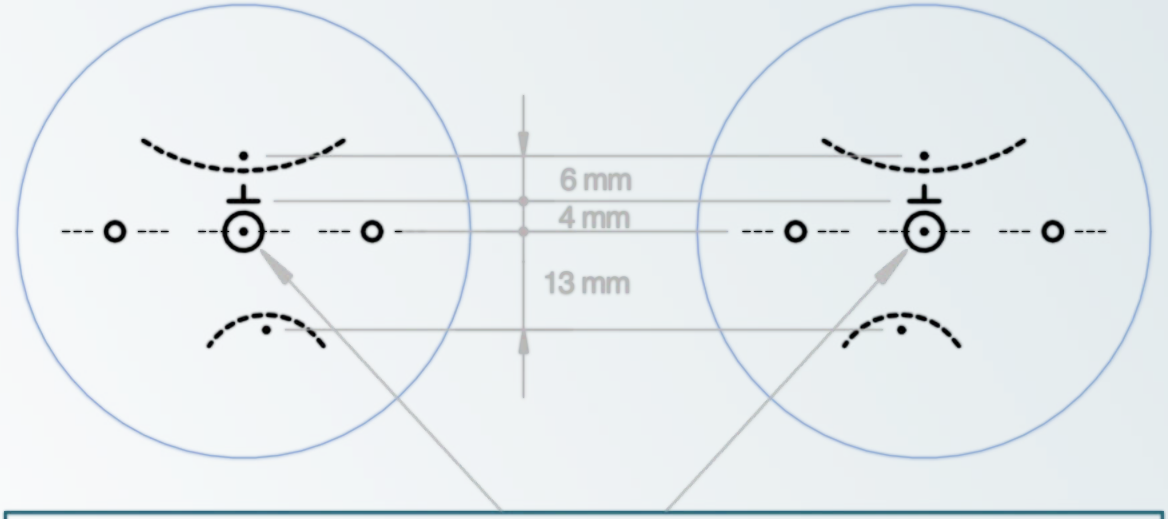
② ERP - Engraving Reference Point (= Power Verification Point and Prism Reference Point)

VERIFICATION INSTRUCTIONS

- Dot lenses directly in the middle between engraving marks and measure the distance to the center of the bridge for the correct monocular PD.
- Verify LMS (Lab Management System) calculated power value and prism at the ERP (Engraving Reference Point).

OmniLux® CUSTOM
NAL® Natural Accommodation Lens

MINIMUM FITTING HEIGHT 19 MM



Power Verification Reference Point (PVRP) & Prism Reference Point (PRP)

DISPENSING & TROUBLESHOOTING

- Place the frame on the patient's face. Make sure the pantoscopic tilt is 10° to 12°.
- With the Distance PD marked verify that the PD is in the center of the patient's pupil.
- Have the patient validate they can see well.

VISION ISSUE	RESOLUTION
Patient has narrow reading area:	Verify PD Measurements Add pantoscopic tilt and decrease vertex distance
Peripheral vision blurs and moves:	Adjust frame to decrease vertex distance and to increase facial wrap Verify panto tilt is between 10° and 12° Spread nose pads or lower the frame
Patient lifts head or glasses to read:	Lenses are too low: · Adjust frame to sit higher on patient's face · Adjust nose pads closer together · Increase pantoscopic tilt to 10-12° and have patient confirm the change corrected the issue
Patient lowers head or glasses to read at a distance:	Lenses are too high: · Adjust frame to sit lower on the patient's face · Lower frame by widening nose pads · Increase pantoscopic tilt and have patient confirm the change corrected the issue
Patient moves reading material off to side for better focus:	PD is off or lenses are mounted incorrectly: · Verify monocular PD measurement · Mark the Distance PD measurements in the frame · Mark the PD on the frame (midway between the engraving marks) and verify the PD is in front of the patient's iris · Have lenses remade with correct PD measurements
Distance vision is slightly blurry:	· Increase pantoscopic tilt · Distance vision is slightly blurry: · Verify lens power · New RX/old RX comparison

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