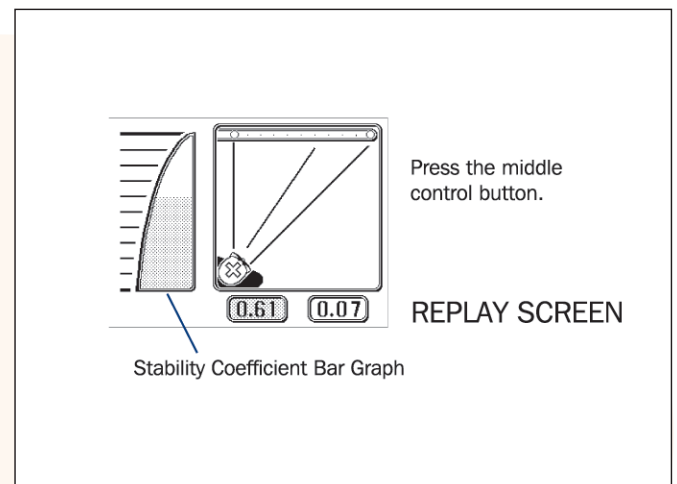
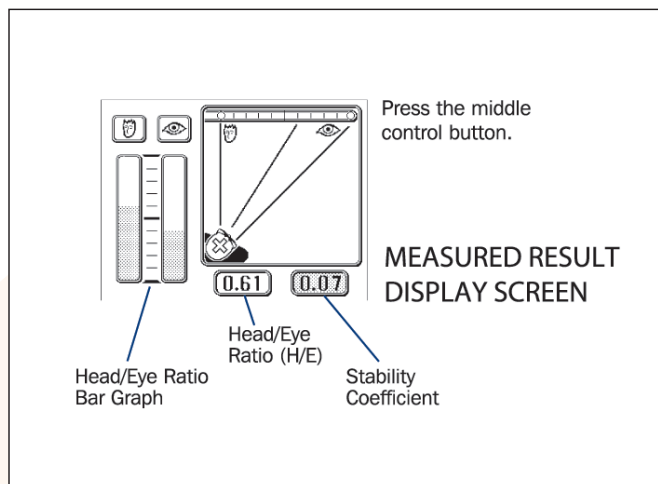


VARILUX® IPSEO®
NEW EDITION
Dispensing Guide

Essential measurements

Physiological measurements

Using either the Vision Print System or Visiooffice, measure the patient's Head/Eye Ratio and Stability coefficient:

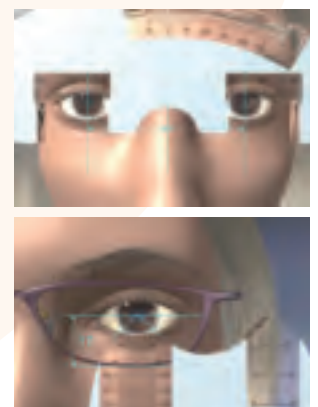


PD (Pupillary Distance): Distance between the pupil centres should be measured monocularly (mono PD) from the centre of the wearer's bridge to the centre of each pupil.

Ordering: When placing the order, use the monocular right and left measurements.

Fitting height: From the pupil centre to the lowest part of the lens, it is important to measure monocularly from pupil centre to the lowest tangent of the lens (i.e. the lower rim, not HCL).

Ordering: When placing the order, use the monocular right and left measurements from the lowest tangent of the lens, the tailored progression length will be calculated using this measurement automatically. Minimum fitting height 14mm below pupil.



Optional measurements

f-360° Frame fitting conditions

Using an automatic measuring system or a suitable hand held measuring gauge, measure the;

Vertex Distance: From the front surface of the eye (corneal apex) to the rear surface (back vertex) of the lens, measure the monocular right and left in mm, keeping the gauge horizontal.

Ordering: When placing the order, use a single average between the right AND left measurements.

Pantoscopic Angle: Often referred to as Pantoscopic tilt, this should be measured side on to the patient (patient on left hand side is preferable) taking the angle of the lens compared to a vertical orientation: the flat edge of the gauge should run parallel to the front of the frame*.

**use graduation corresponding to the centre of the air bubble*

Ordering: When placing the order, use the right AND left measurement.

Dihedral Angle: Often referred to as frame bow, the frame should be removed from the patient's face and placed upside down onto the gauge so the top rim of the bridge is touching. Lift the side arms to orientate the frame into a perpendicular position on the gauge and align the bridge centre with the frame template. Position the nasal rims centrally on the vertical line and read off the measurement at the temporal rim mid point.

Ordering: When placing the order, use the right AND left measurement.

Refining the near inset

The near inset can be refined for patients whose near working distance is outside 35 - 45cm.

Near working distance: Whilst the patient is holding an object at the normal near position, measure the distance from the near target to the front rim of the frame.

Ordering: When placing the order, use a single distance measurement.

Overriding the near inset

In more specific cases where a patient's convergence is atypical, it is possible to tailor the position of the inset to the patient's near PD.

Near PD (Pupillary Distance): Distance between the pupil centres whilst the patient is observing a target positioned at that near working distance. As with distance, PD should be measured monocularly (mono PD) from the centre of the wearer's bridge to the centre of each pupil.

Ordering: When placing the order, use the near inset for right and left eyes.

Placing the order:

Once all the measurements have been taken you can send your orders manually by post, phone or fax, or through your Varilux Specialist Laboratory.

Checking:

As the lens is designed completely around fitting conditions, the lens will be sent with the measured power (power you will read off a focimeter or lensmeter) and the ordered power i.e. the lens power you ordered.

Collection:

To help ensure the frame is fitted to the measurements on your order, the Essilor delivery note will include all the details, which should be used to fit the frame on collection.

Minimum fitting height

14mm below pupil.

Range

Lineis™*	1.74	- 12.00	- + 9.00	Clear
Stylis®	1.67	- 12.00	- + 8.00	Clear and Transitions
Ormix®	1.6	- 12.00	- + 8.00	Clear and Transitions
Orma®	1.5	- 10.00	- + 6.00	Clear and Transitions

*from January 2009.

