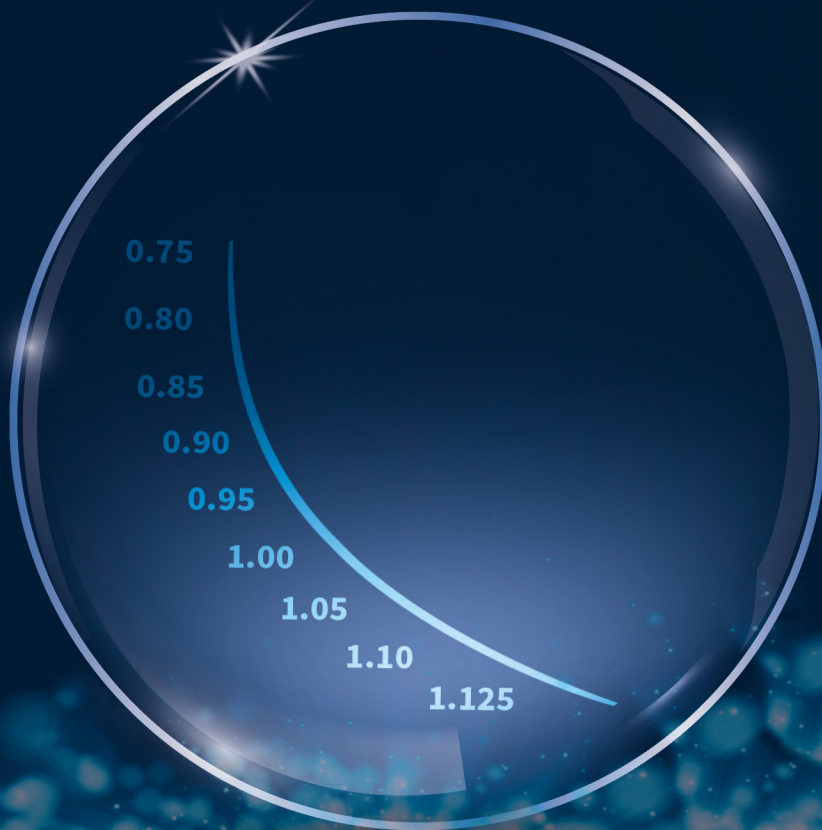


Neurolens Rx Verification

Single Vision, Progressive & Office



 **neurolens**[®]
Relief is in Sight

Frame Verification Chart

NeuroLens Single Vision & Progressive Series

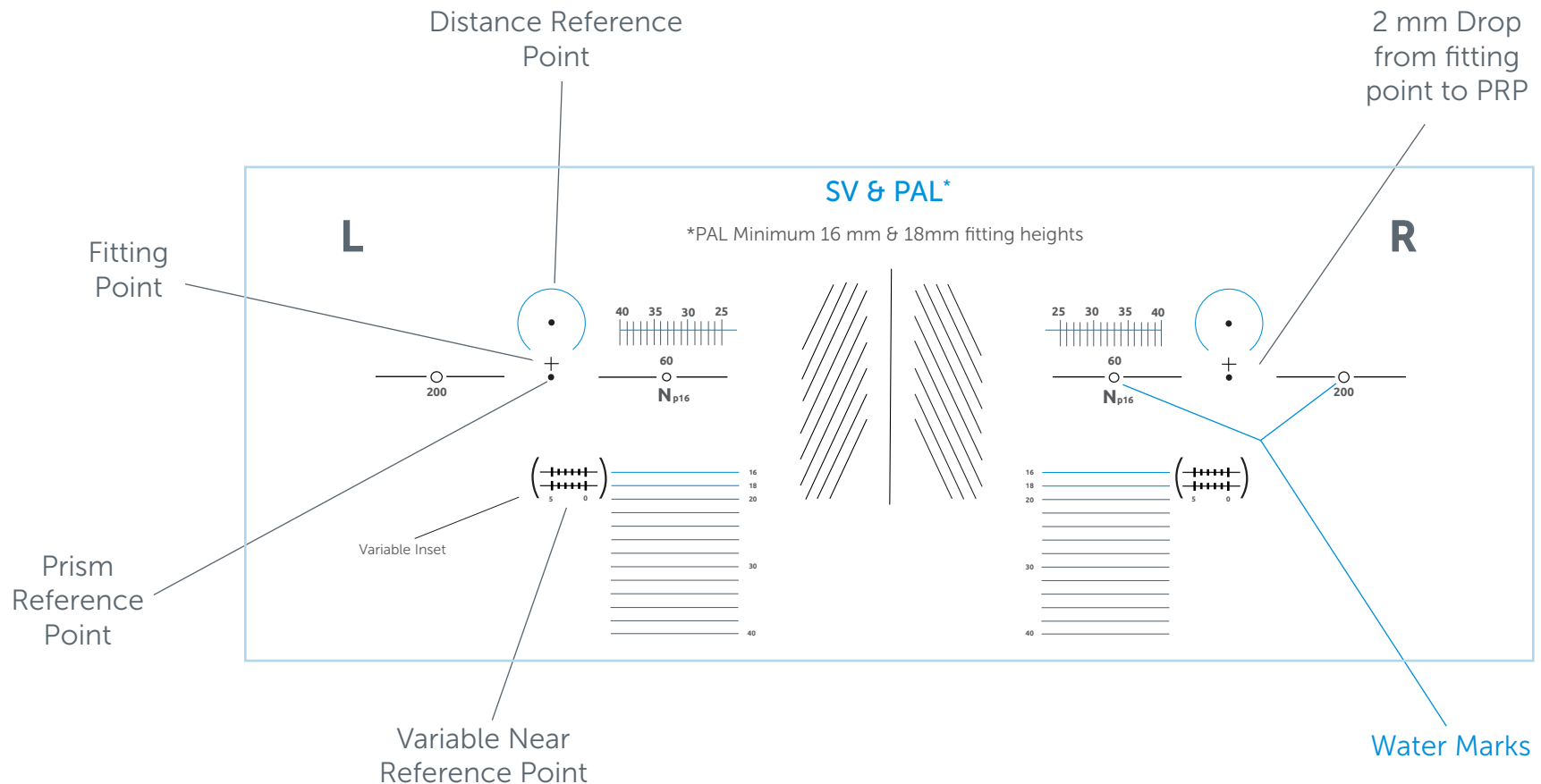


Chart applicable to:

NLI SV
NLI PAL*
NLI PAL 16
NLI PAL 18

*NLI PAL is a variable corridor option where LDS will choose best option for practice (16mm or 18mm minimum fitting height)

Verifying Neurolens SV & PAL

Step By Step

1. Uncut lenses should arrive with dotted watermarks and "L" or "R" indicators.
 - If not already dotted, dot the water marks on each lens
2. Using the appropriate Frame Verification Chart, align water marks on chart.
3. Mark the following:
 - Distance Reference Point (DRP)
 - Fitting Point (FP)
 - Prism Reference Point (PRP)
 - Near Reference Point (NRP)
4. Measure OC Height/Seg Height from Fitting Cross to the bottom of the lens.
5. Measure Pupil Distance from Right Lens Fitting Cross to Left Lens Fitting Cross.
6. Confirm ALL measurements match Neurolens **compensated** values on the invoice.

SV & PAL:

Sphere, Cyl, Axis = DRP

Prism = PRP @ Specified Angle

PAL Only:

ADD = NRP

Note:

DRP is 8 mm above PRP
(6 mm above FP)

SV & PAL Compensated Values

Rx Only

NL

U0250* - U43 1712

ACCOUNT	1712	PATIENT	Ref
		NEUROLENS TEST	

CONFIDENTIAL -- Contains Protected Health Information

	SPHERE	CYL	AXIS	DIST	NEAR	PRISM (I/O)	PRISM (U/D)		
R	-3.00	-2.96	-2.50	-2.27	180	0	30.6	28.1	0.02 @ 37
L	-3.00	-2.96	-2.50	-2.27	180	179	30.6	28.1	0.02 @ 142

	BASE	COLOR	TINT	COAT	SIZE	OCHT	THK	COATINGS
R	4.00	CLR			70			NLA COT
L	4.00	CLR			70			NLA COT

	MAT	LENS STYLE	ADD	SGHT		*UNCUT
R	H53	NLI PAL	250	232	23.0	compensated
L	H53	NLI PAL	250	232	23.0	

TRIVEX
NL PREMIUM AR

NeuroLens SV/PAL:

Compensated Rx Values

SV & PAL:

Sphere, Cyl, Axis = DRP

Prism = PRP @ Specified Angle

PAL Only:

ADD = NRP

SV = OCHT

PAL = SGHT

Frame Verification Chart

NeuroLens Office Series

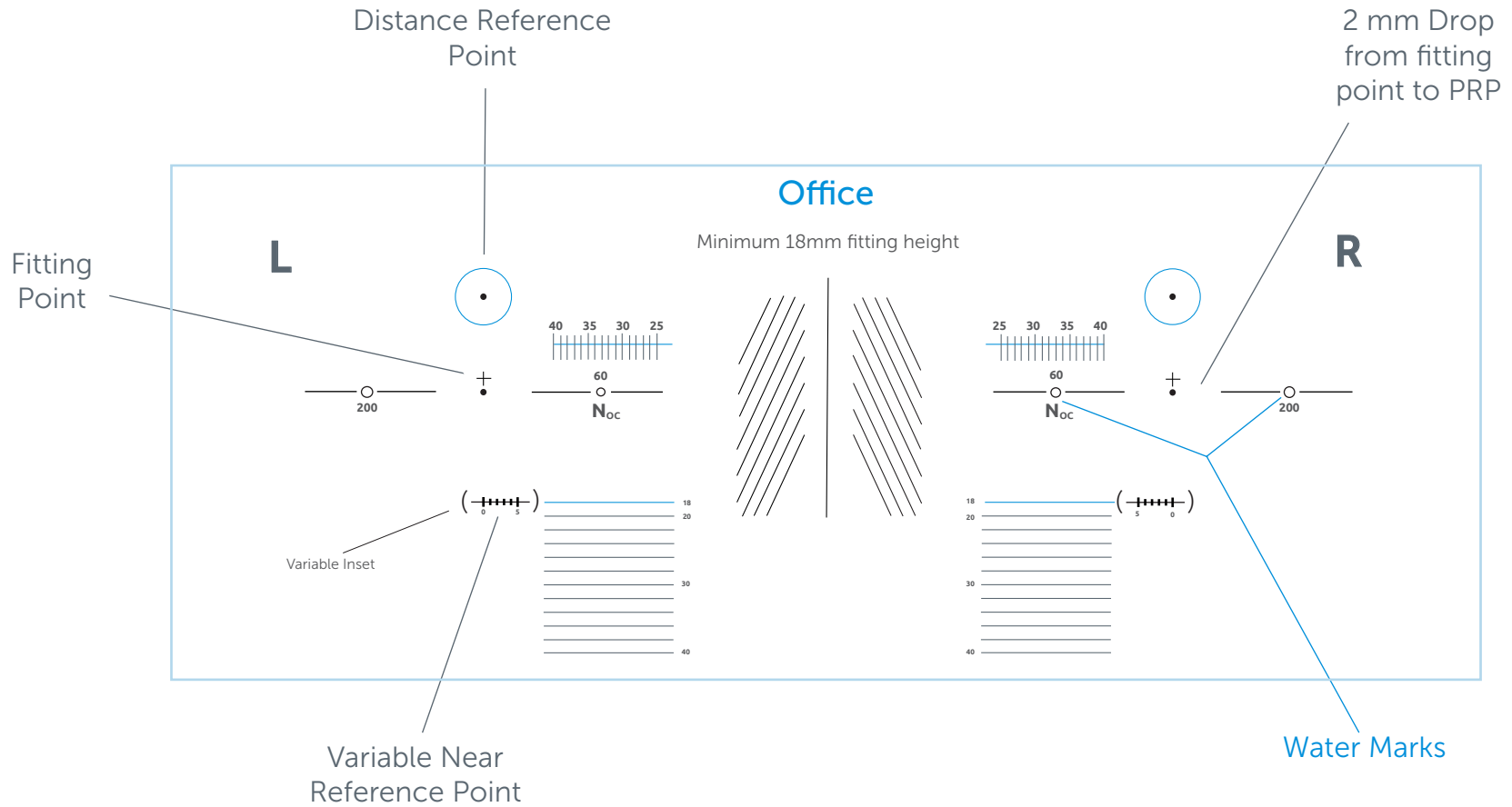


Chart applicable to:
NLIO Computer
NLIO Meeting

Verifying NeuroLens Office

Step By Step

1. Uncut lenses should arrive with dotted watermarks and "L" or "R" indicators.
 - If not already dotted, dot the water marks on each lens
2. Using the appropriate Frame Verification Chart, align water marks on chart.
3. Mark the following:
 - Distance Reference Point (DRP)
 - Fitting Point (FP)
 - Prism Reference Point (PRP)
 - Near Reference Point (NRP)
4. Measure Seg. Height from Fitting Cross to the bottom of the lens.
5. Measure Pupil Distance from Right Lens Fitting Cross to Left Lens Fitting Cross.
6. Confirm ALL measurements match NeuroLens **compensated** values on the invoice.

Sphere, Cyl, Axis = NRP
Prism = PRP @ Specified Angle

Note:

DRP is 14mm above PRP
(12mm above FP)

Office Meeting = 30% ADD at fitting point

Office Computer = 50% ADD at fitting point

Office Compensated Values

92362

Rx Only

NL

- U43 1649

ACCOUNT	1712	PATIENT	Ref
		NEUROLENS TEST	

CONFIDENTIAL -- Contains Protected Health Information

	SPHERE	CYL	AXIS	DIST	NEAR	PRISM (I/O)	PRISM (U/D)
R	+4.00 +6.31	-0.50 -0.31	140 98	29.0	26.5	I- 1.25	1.42 @ 6
L	+5.00 +7.08	-1.00 -0.52	35 46	30.0	27.5	I- 1.25	1.46 @ 173

	BASE	COLOR	TINT	COAT	SIZE	OCHT	THK	COATINGS
R	8.00	CLR			76			NLA
L	8.00	CLR			76			NLA

	MAT	LENS STYLE	ADD	SGHT	
R	H60	NLIO MEETING	200 218	24.0	compensated
L	H60	NLIO MEETING	200 217	24.0	

NeuroLens Office:

Compensated Sphere, Cyl, Axis at the NRP

EXAMPLE:

Ordered: +4.00 Sphere with 200 ADD

Compensated Sphere Value:
+4.13 Sphere + 218 Add = 6.31 Sphere

Compensated Prism at the PRP at specified angle

Common Verification Mistakes

1. My Single Vision Neurolenses were made with the wrong Rx (I am reading different values for sphere, cyl, axis, prism).

- Every design is progressive in nature; NLI SV cannot be verified at any spot of the lens. Must verify sphere, cyl, axis at the DRP and prism at the PRP.

2. My prism is not contoured for more BI at near (not seeing additional 0.375 BI prism at the NRP).

- The sphere, cyl, axis, ADD all affect prism values along the corridor, so you will only see the true 0.375 BI prism contour in a completely plano Neurolens.
- Prism can only be verified at the PRP (compensated value at the specified angle) on all 3 designs.

3. I am not seeing the amount of sphere, cyl, axis, ADD that I ordered when I verify the Neurolenses.

- Neurolenses are digital freeform compensated designs - compensated values found on invoice must be used when verifying.

4. Neurolens Office did not come in as I ordered it.

- Office Meeting design is only 30% ADD at the fitting point, and Office Computer is only 50% ADD at the fitting point.
- All compensated sphere, cyl, axis values should be verified at the NRP not the DRP.
- Prism can only be verified at the PRP.

5. My Neurolens fitting heights are too long/short; my patient isn't getting full distance or full reading zone.

- All designs have a 2mm drop (if edging in-house).
- Fitting is extremely important. Opticians should be measuring mono PD and accurate dotting of patient's pupil for proper Neurolens fitting.