

QUARTZ | CRYSTAL CLEAR VISION



Quartz Progressive Lenses – Lens View Factor



An Individual Digital Freeform Progressive Lens customized on the basis of wearers Activity Profile & Frame-Eye Parameters, giving the wearer the right balance of Near, Intermediate & Distance Vision.



An Enhanced Digital Freeform Lens for wider and clearer distortion free viewing.



A Digital Freeform Lens Soft Multi Design for contrast rich Edge to Edge Viewing.

Quartz Progressive Lenses are similar in design to leading brand providers. Paying less for Quartz progressive lenses does not mean that you compromise on quality.

Quartz Progressive Lenses - Lens View Factor



Quartz Drive provides a clear distance vision zone free of aberration, with a wide panoramic visual field in the distance zone allowing a comfortable view of the road, as well as the rear and side mirrors. Provided with Crystalline Dynamic high contrast day & night amber hue antireflective coating.



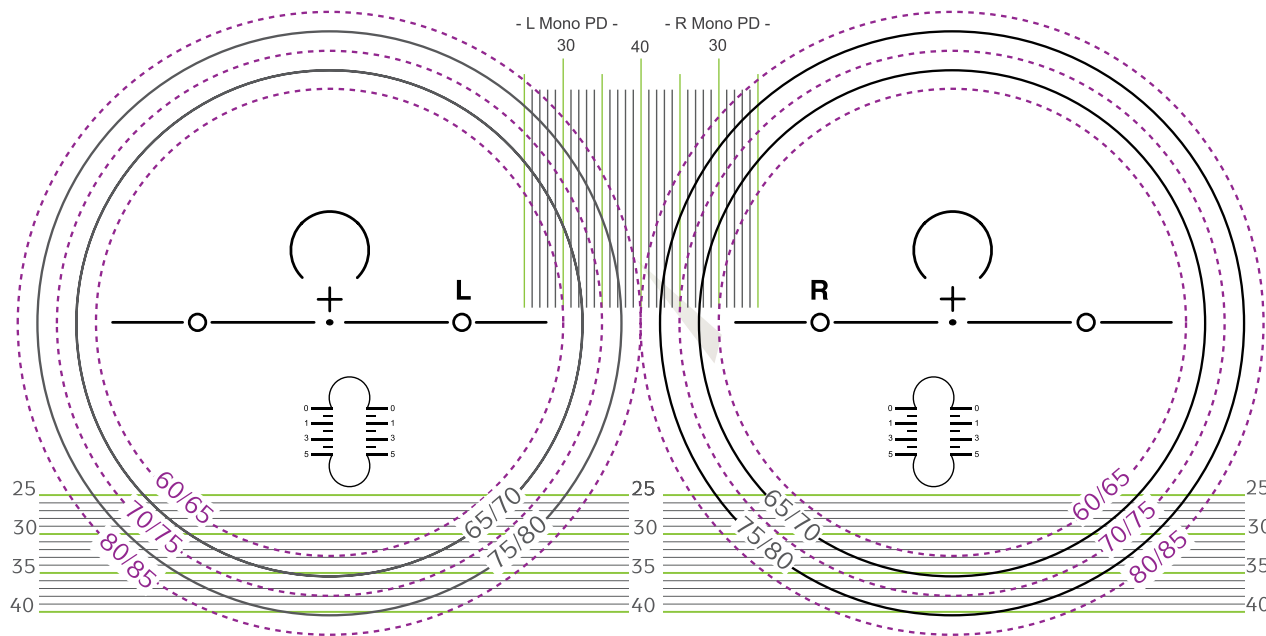
Quartz Office lenses are designed for small working environments. It ensures enhanced vision for contained work and hobby. Reducing visual discomfort especially when using a computer. Available with adds up to +3.50. Provided with Blue Shield Technology.

Products Overview

Digital Lens with 100% Back - Surface Aspheric Design	Quartz Brilliance	Quartz Radiance	Quartz Presence	Quartz Drive	Quartz Office
Star	★★★★★	★★★★	★★★	★★★★★	★★★★★
Type	Lifestyle PAL	Standard PAL	Standard PAL	Drive PAL	Occupational
Technology	Direct Lens View Technology	Digicon Max Technology	Digicon Max Technology	Panoramic Vision Enhancement	x
Frame Shape	✓	✓	✓	✓	✓
Multi-Aspheric Lens	✓	✓	✓	✓	✓
Fitting Height	Min. 14 & Variable	17/19/21 mm	17/19/21 mm	14/15/16/17/18 mm	15/16 mm
Fitting Cross	3mm	3mm	2mm	4mm	On OC
Non adaptation guarantee	✓	✓	✓	✓	✓
Prism	✓	✓	x	✓	x
Personalization as per frame parameters	✓	x	x	✓	x
Personalization as per eye parameters	✓	x	x	x	x
Variable fitting height	✓	x	x	✓	✓
Automatic inset	✓	x	x	✓	✓
Power Compensation/Optimization	✓	x	x	✓	x
Automatic design selected as per vision preference	✓	x	x	x	x

Centration Chart

Brilliance



Fitting Cross is located 3mm above lens geometric center

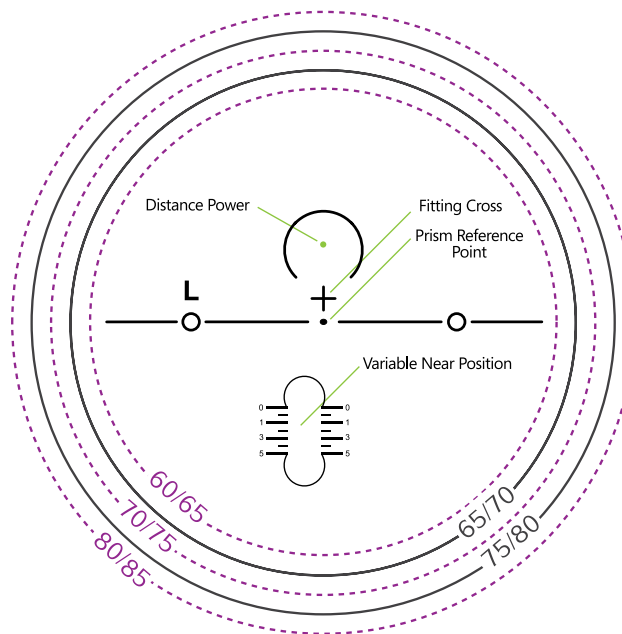
The minimum fitting height is 14mm

Min Fitting height is 85% of near circle;
recommended fitting height is 100% of near circle

Brilliance
Quartz
CRYSTAL CLEAR VISION

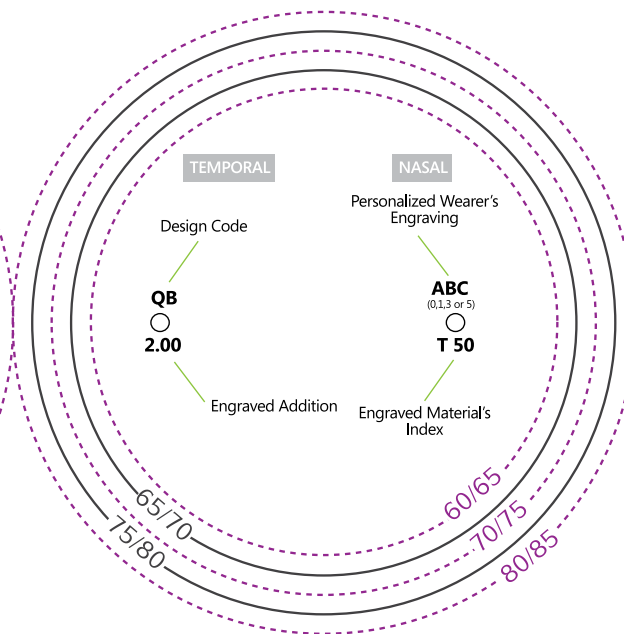
Centration Chart

Brilliance



Ink Markings

as viewed from the front



Lens Engraved

as viewed from the front

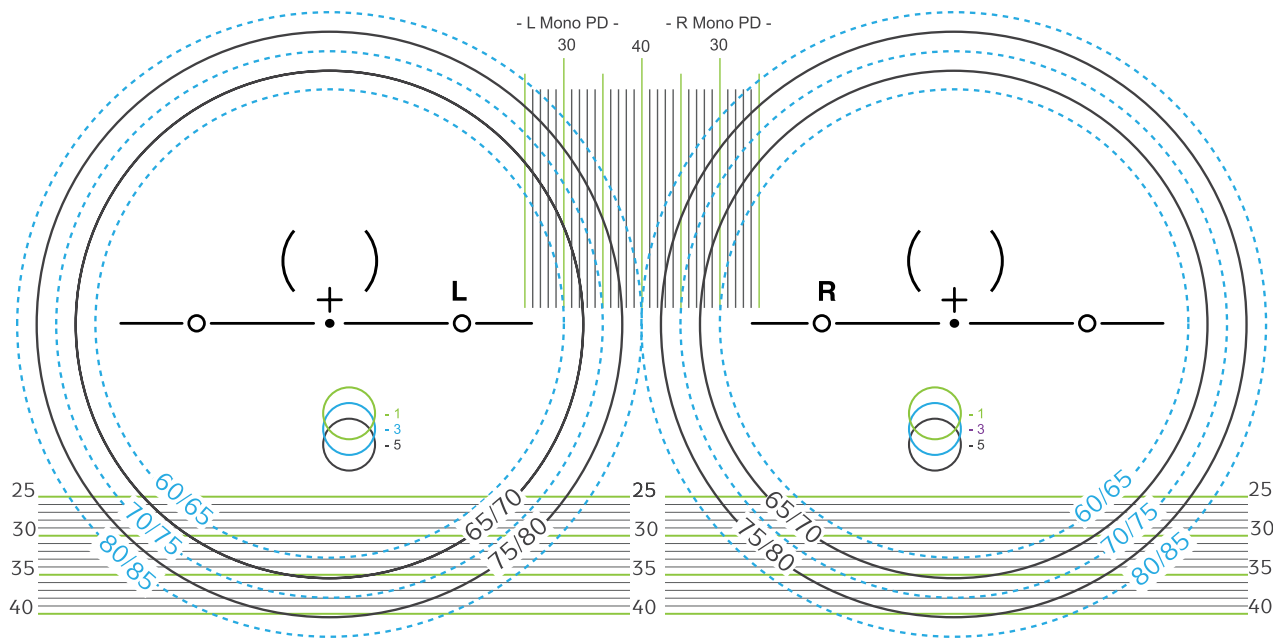
Range Chart

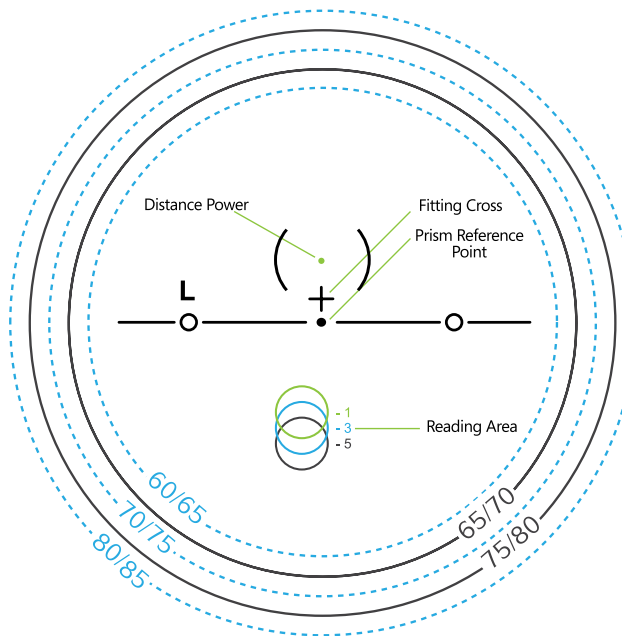
Brilliance

Premium Digital Progressive	Material					Diameter
Quartz Brilliance 1.50	CLEAR  -8,00 to +10,00	Transitions  -1 0,00 to +10,00	POLARISED  -7,00 to +10,00	Transitions XTRActive  -8,00 to +10,00		<70/75
Quartz Brilliance Trivex	CLEAR  -9,00 to +10,00	Transitions  -10,00 to +8,00	POLARISED  -7,00 to +10,00	Transitions XTRActive  -9,00 to +10,00		<70/75
Quartz Brilliance 1.56	ECLIPSE  -8,00 to +9,00					<70/75
Quartz Brilliance Poly	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00		Transitions XTRActive  -11,00 to +9,00		<70/75
Quartz Brilliance 1.60	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00	POLARISED  -10,00 to +10,00	Transitions XTRActive  -10,00 to +10,00	Blue Shield  -10,00 to +6,00	<70/75
Quartz Brilliance 1.67	CLEAR  -11,00 to +10,00	Transitions  -12,00 to +9,00	POLARISED  -10,00 to +10,00	Transitions XTRActive  -10,00 to +8,00	Blue Shield  -12,00 to +6,00	<70/75
Quartz Brilliance 1.74	CLEAR  -14,00 to +10,00	Transitions  -12,00 to +10,00	POLARISED  -10,00 to +10,00		Blue Shield  -15,00 to +6,00	<70/75

Centration Chart

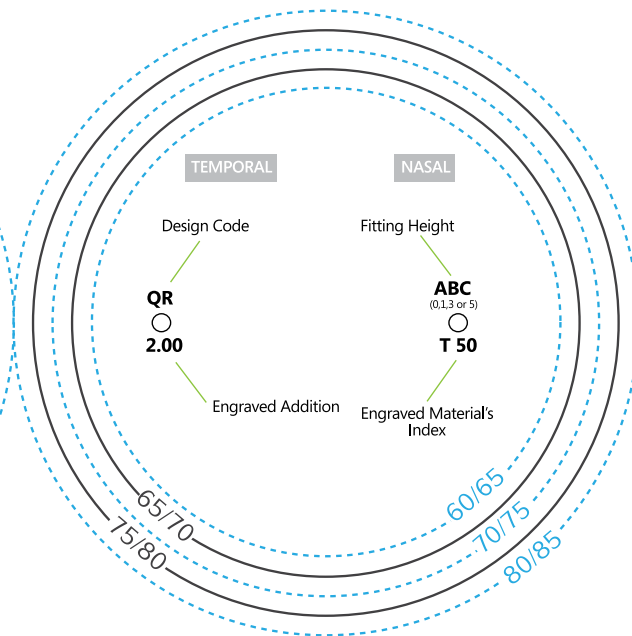
Radiance





Ink Markings

as viewed from the front


























Lens Engraved

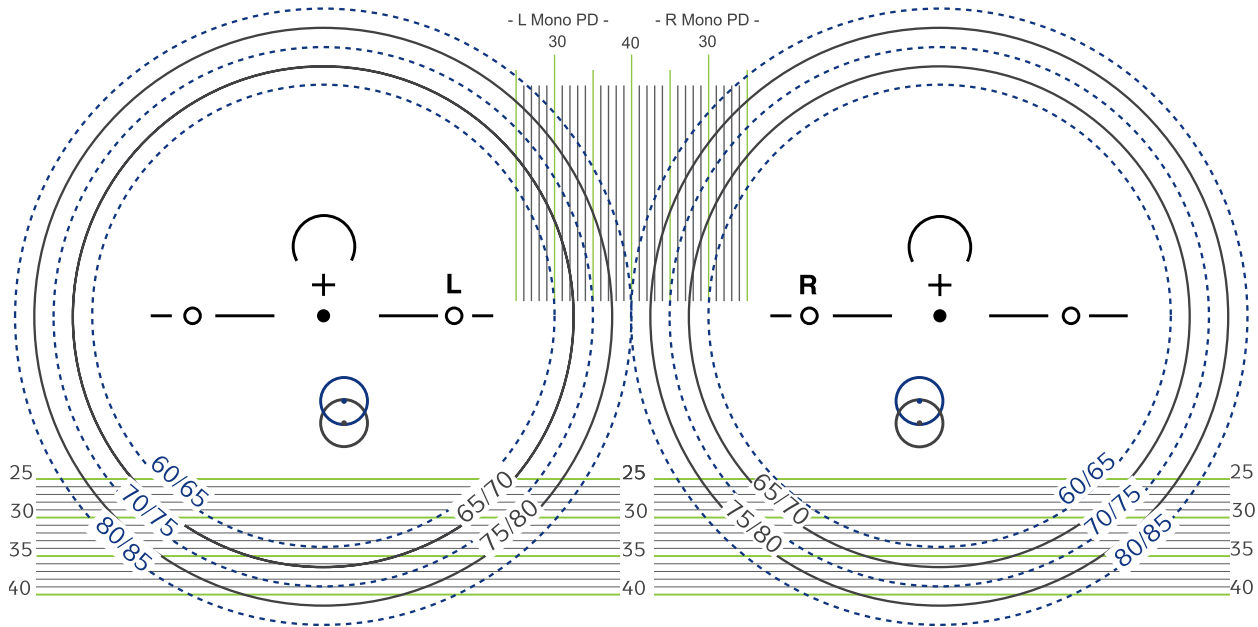
as viewed from the front

Range Chart

Radiance

Premium Digital Progressive	Material					Diameter
Quartz Radiance 1.50	CLEAR  -8,00 to +10,00	Transitions  -1,00 to +10,00	POLARISED  -7,00 to +10,00	Transitions XTRActive  -8,00 to +10,00		<70/75
Quartz Radiance Trivex	CLEAR  -9,00 to +10,00	Transitions  -10,00 to +8,00	POLARISED  -7,00 to +10,00	Transitions XTRActive  -9,00 to +10,00		<70/75
Quartz Radiance 1.56	ECLIPSE  -8,00 to +9,00					<70/75
Quartz Radiance Poly	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00	POLARISED  -10,00 to +10,00	Transitions XTRActive  -11,00 to +9,00	Blue Shield  -10,00 to +6,00	<70/75
Quartz Radiance 1.60	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00	POLARISED  -10,00 to +10,00	Transitions XTRActive  -10,00 to +10,00	Blue Shield  -12,00 to +6,00	<70/75
Quartz Radiance 1.67	CLEAR  -11,00 to +10,00	Transitions  -12,00 to +9,00	POLARISED  -10,00 to +10,00	Transitions XTRActive  -10,00 to +8,00	Blue Shield  -15,00 to +6,00	<70/75
Quartz Radiance 1.74	CLEAR  -14,00 to +10,00	Transitions  -12,00 to +10,00				<70/75

Centration Chart



Fitting Cross is located 4mm above lens geometric center

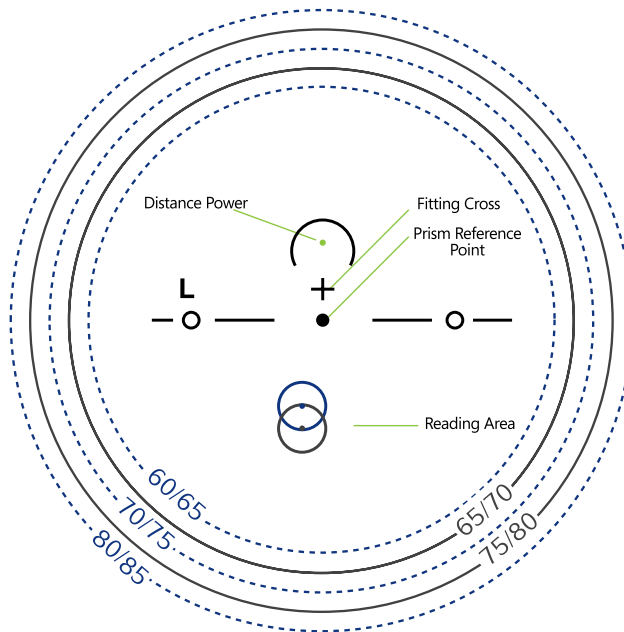
* \bigcirc = R (18mm), \bigcirc = S (15mm)

***Minimum fitting height**

Min Fitting height is 50% of near circle

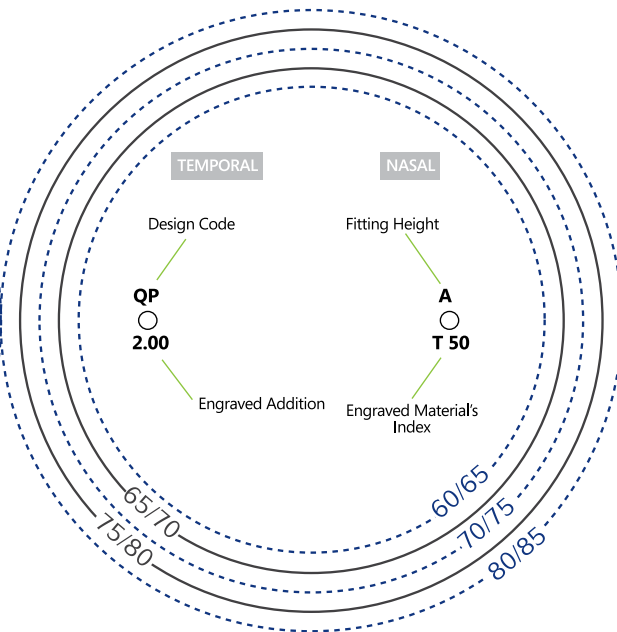
Centration Chart

Presence



Ink Markings

as viewed from the front



Lens Engraved

as viewed from the front

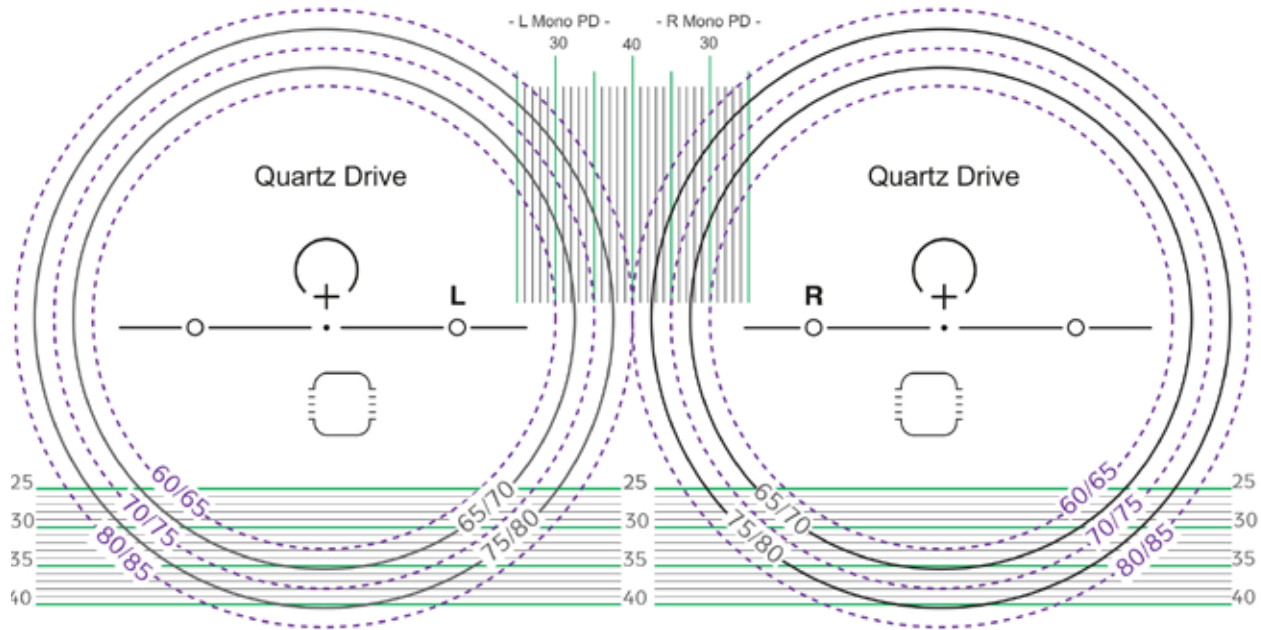
Range Chart

Presence

Premium Digital Progressive	Material					Diameter
Quartz Presence 1.50	CLEAR  -8,00 to +10,00	Transitions  -1 0,00 to +10,00	SUNadapt  -8,00 to +7,00	POLARISED  -7,00 to +10,00	Transitions XTRActive  -8,00 to +10,00	<70/75
Quartz Presence 1.56	ECLIPSE  -8,00 to +9,00					<70/75
Quartz Presence Poly	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00			Transitions XTRActive  -11,00 to +9,00	<70/75
Quartz Presence 1.60	CLEAR  -10,00 to +10,00	Transitions  -11,00 to +9,00	SUNadapt  -11,00 to +8,5,00	POLARISED  -8,00 to +10,00	Transitions XTRActive  -10,00 to +10,00	<70/75
Quartz Presence 1.67	CLEAR  -11,00 to +10,00	Transitions  -12,00 to +9,00	SUNadapt  -11,00 to +8,5,00	POLARISED  -8,00 to +10,00		<70/75

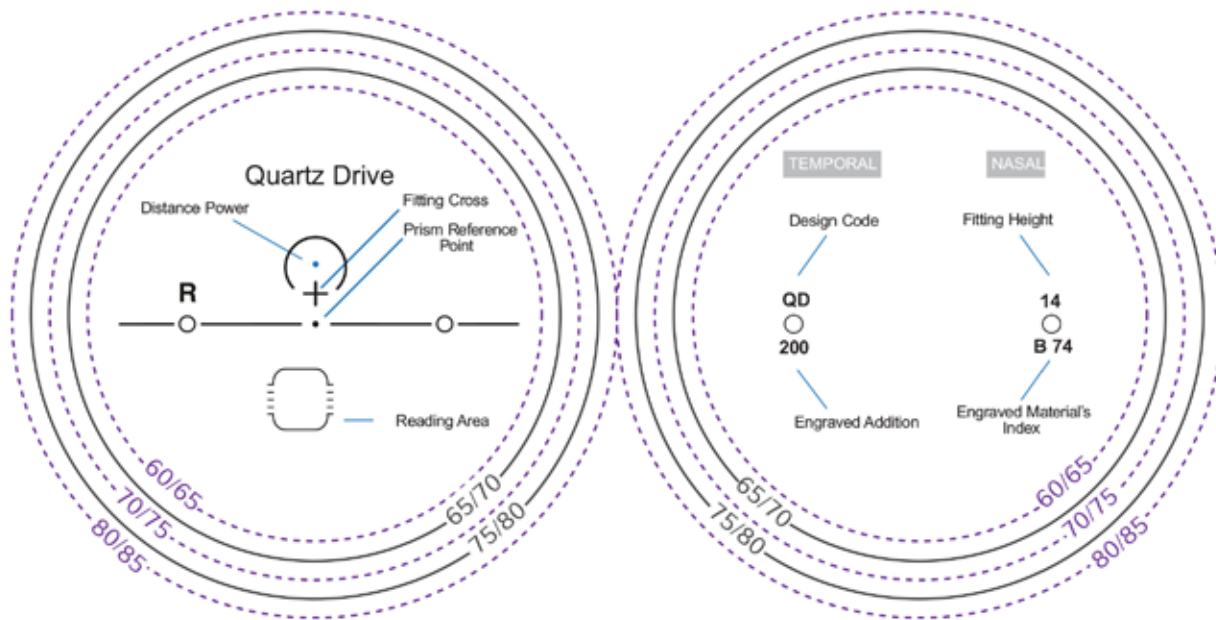
Centration Chart

Drive



Fitting Cross is on OC

*15/16mm



Ink Markings

as viewed from the front

Lens Engraved

as viewed from the front

Range Chart



Premium Digital Progressive	Material		Diameter
Quartz Drive 1.50	 -8,00 to +10,00	 -9,00 to +6,00	<70/75
Quartz Drive Poly	 -11,00 to +9,00	 -10,00 to +6,00	<70/75
Quartz Drive 1.60	 -10,00 to +10,00	 -10,00 to +6,00	<70/75
Quartz Drive 1.67	 -10,00 to +8,00	 -12,00 to +6,00	<70/75

Easy to Fit!

Quartz Office is easy to fit, similar to any progressive lens.

Check Prescription

Check the far-vision prescription and record it exactly as you would for a progressive or bifocal lens.

Pupillary Distance Measurement - take mono distance PD measurement.

Height Measurement

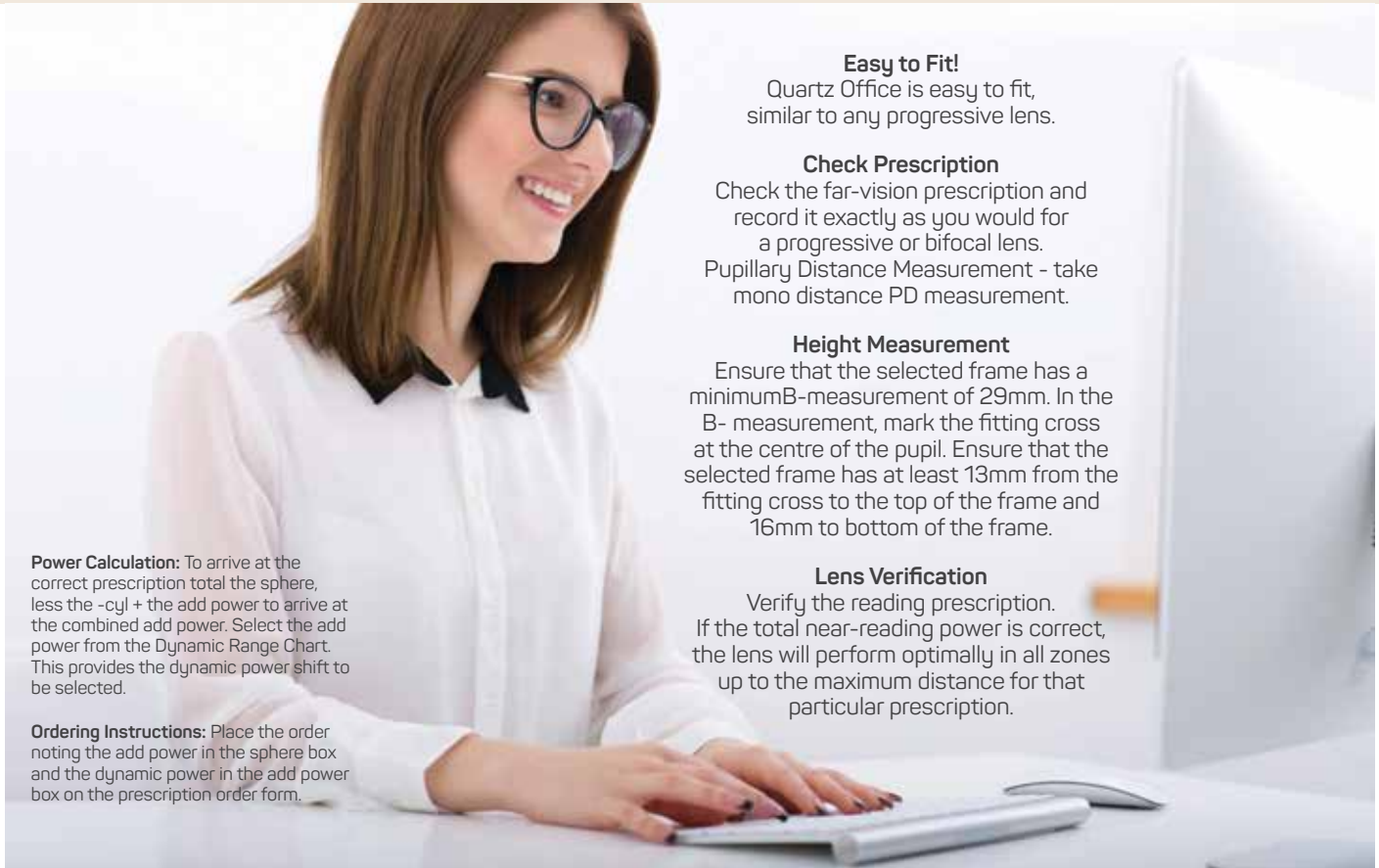
Ensure that the selected frame has a minimum B-measurement of 29mm. In the B-measurement, mark the fitting cross at the centre of the pupil. Ensure that the selected frame has at least 13mm from the fitting cross to the top of the frame and 16mm to bottom of the frame.

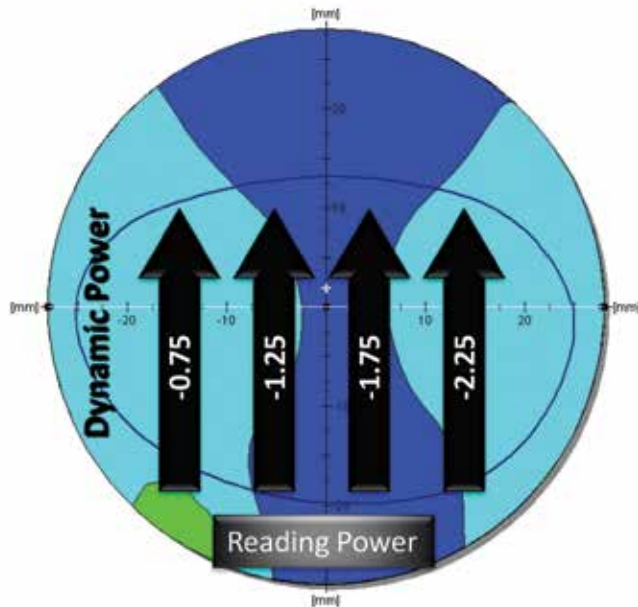
Lens Verification

Verify the reading prescription. If the total near-reading power is correct, the lens will perform optimally in all zones up to the maximum distance for that particular prescription.

Power Calculation: To arrive at the correct prescription total the sphere, less the -cyl + the add power to arrive at the combined add power. Select the add power from the Dynamic Range Chart. This provides the dynamic power shift to be selected.

Ordering Instructions: Place the order noting the add power in the sphere box and the dynamic power in the add power box on the prescription order form.



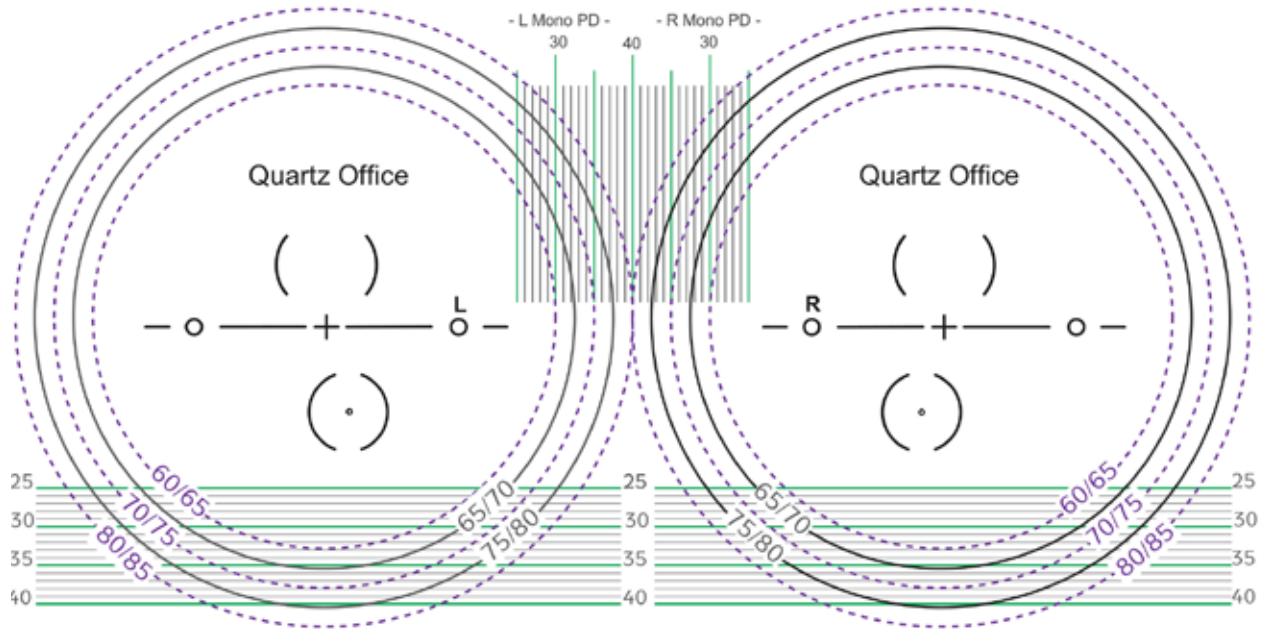


Prescribed	Dynamic Power Office Lens			
Add. Power	-0.75	-1.25	-1.75	-2.25
0.75	Infinity			
1.00	4.00			
1.30	2.00	Infinity		
1.50	1.35	4.00		
1.75	1.00	2.00	Infinity	
2.00	0.80	1.35	4.00	
2.25		1.00	2.00	Infinity
2.50		0.80	1.35	4.00
2.75			1.00	2.00
3.00			0.80	1.35
3.25				1.00
3.50				0.80

The only lens available with 4 dynamic powers

Centration Chart

Office



Fitting Cross is on OC

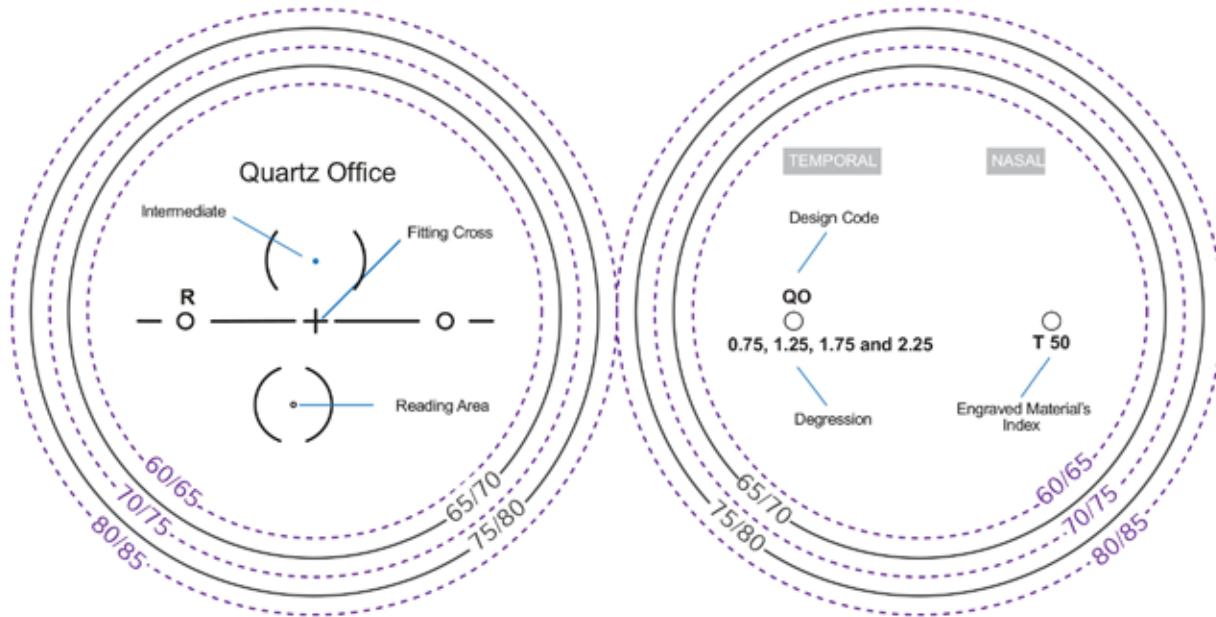
*15/16mm

*Minimum fitting height/Recommended fitting height is 100% of near circle

Office
Quartz
CRYSTAL CLEAR VISION

Centration Chart

Office



Ink Markings













as viewed from the front

Lens Engraved

as viewed from the front

Range Chart

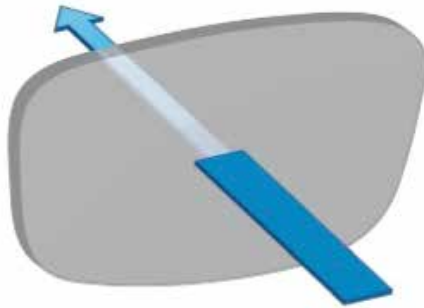


Premium Digital Progressive	Material			Diameter
Quartz Office 1.50	<div>CLEAR</div> <div></div> <div>-7,00 to +7,00</div>	<div>Transitions</div> <div></div> <div>-7,00 to +7,00</div>	<div>Blue Shield</div> <div></div> <div>-6,00 to +6,00</div>	<70/75
Quartz Office 1.60	<div>CLEAR</div> <div></div> <div>-7,00 to +7,00</div>	<div>Transitions</div> <div></div> <div>-7,00 to +7,00</div>	<div>Blue Shield</div> <div></div> <div>-7,00 to +7,00</div>	<70/75
Quartz Office 1.67	<div>CLEAR</div> <div></div> <div>-7,00 to +7,00</div>	<div>Transitions</div> <div></div> <div>-7,00 to +7,00</div>	<div>Blue Shield</div> <div></div> <div>-7,00 to +7,00</div>	<70/75
Quartz Office 1.74	<div>CLEAR</div> <div></div> <div>-8,00 to +8,00</div>	<div>Transitions</div> <div></div> <div>-8,00 to +8,00</div>	<div>Blue Shield</div> <div></div> <div>-8,00 to +8,00</div>	<70/75

Introducing - Blue Shield Technology Lenses



Protection from harmful UV & Blue Light

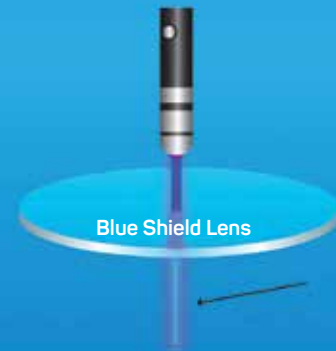


**Blue light filtration with
neutral color-balanced
substrate**

Blue Shield Technology is a revolutionary material which by virtue of its material property filters harmful UV rays & HEV Blue Light. It is blended in the lens material while the lens is casted without altering the inherent properties of the lens monomer. Additionally, it helps to improve contrast & thus ensures clearer vision.

Blue Shield Lenses

filters out harmful UV & high energy Blue Light coming mostly from digital devices & sunlight



Filters out harmful
UV & Blue Light

Coating Comparison

	<i>Amber Hue</i>	<i>Blue Hue</i>	<i>Green Hue</i>				
Features	Crystalline DYNAMIC	Crystalline Blue	Crystalline UV	Crystalline	HMC	HC	UC
High Contrast	✓						
Blue Violet Light		✓					
UV Protection	✓	✓	✓				
Highly Durable	✓	✓	✓	✓			
Anti Static	✓	✓	✓	✓			
Smudge Resistant	✓	✓	✓	✓			
Super Hydrophobic	✓	✓	✓	✓			
Anti Reflection	✓	✓	✓	✓	✓		
Scratch Resistant	✓	✓	✓	✓	✓	✓	

Quartz

CRYSTAL CLEAR VISION



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