

Quartz
CRYSTAL CLEAR VISION





Excellence

Brilliance

Radiance

Presence

Myopia

Office

Drive

Sport

Our Quartz portfolio of lens products offer a complete solution for all lens requirements including Varifocal, Single Vision, Myopia, Office, Drive and Sport.

The Quartz range has gained a fantastic reputation amongst thousands of wearers for performance, high quality and overall customer satisfaction.

Our lenses coupled with our superior Crystalline Coatings range ensure your patients are getting the very best options no matter what their budget is.

Contents

Varifocal Overview	04
Quartz Excellence	06
Quartz Brilliance	09
Quartz Radiance	12
Quartz Presence	15
Quartz Myopia	18
Quartz Office	22
Quartz Drive	26
Quartz Sport	30
Blue Shield Technology	34
Crystalline Coatings	35

Varifocal Overview

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.



PLATINUM: QUARTZ EXCELLENCE

Our best and most advanced design by far offering Slimshape technology which is an exclusive and patented technology for thickness optimisation. This offers dramatically contoured vision zones thanks to a patented algorithm of the design. This makes the lens look aesthetically better while maintaining the best visual performance.

Fitting heights: min 14mm & Variable

GOLD: QUARTZ BRILLIANCE

Our Brilliance uses direct lens view technology which provides a unique comfortable viewing experience. Based on the wearers profile and frame parameters each wearer receives the right balance of near, intermediate and distance vision ensuring more personalisation and a unique design for every individual.

Fitting heights: min 14mm & Variable

SILVER: QUARTZ RADIANCE

Our mid-level progressive lens offers back surface Aspheric design using Digicon-Max Technology coupled with Skymap Processing ensuring high contrast vision with good distance intermediate and near vision offering the wearer a fatigue free great visual experience.

Fitting heights: 17/19/21mm

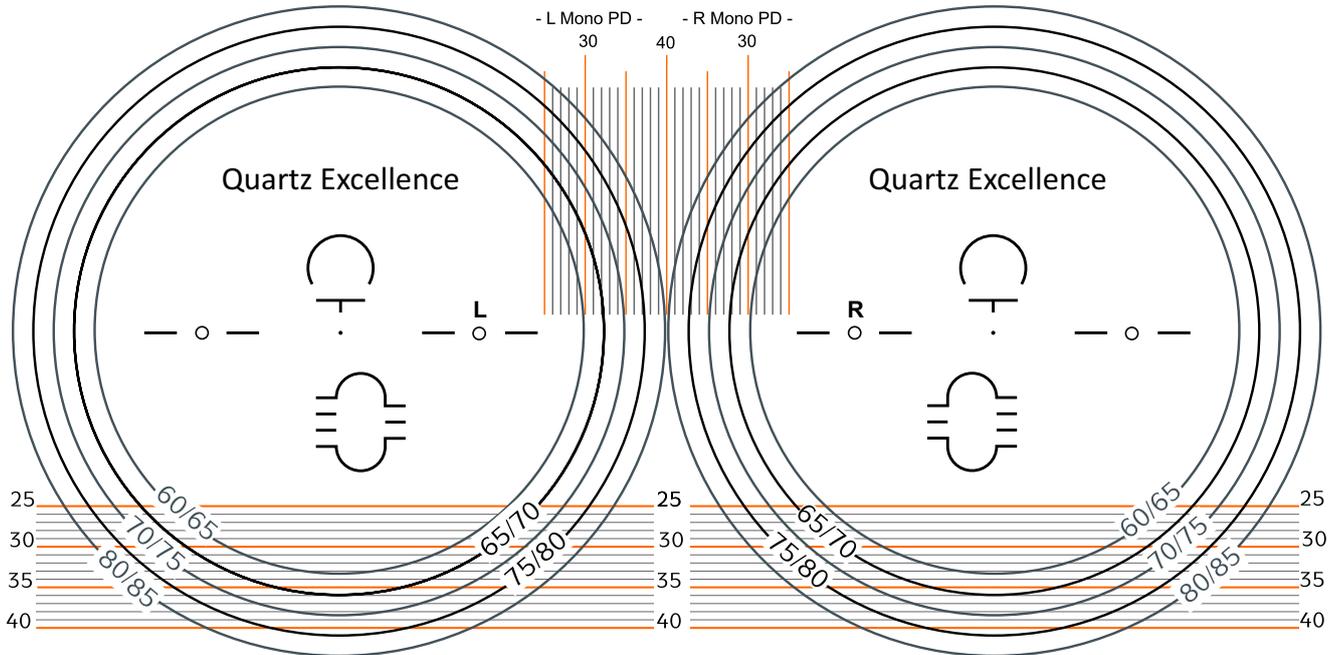
BRONZE: QUARTZ PRESENCE

Our entry-level progressive lens offers contrast rich edge to edge viewing coupled with freeform technology which makes it an ideal choice for those on a tighter budget. A soft multi design with a wider field of view for easy adaptation which improves lens performance.

Fitting heights: 15/18mm

Varifocal Overview

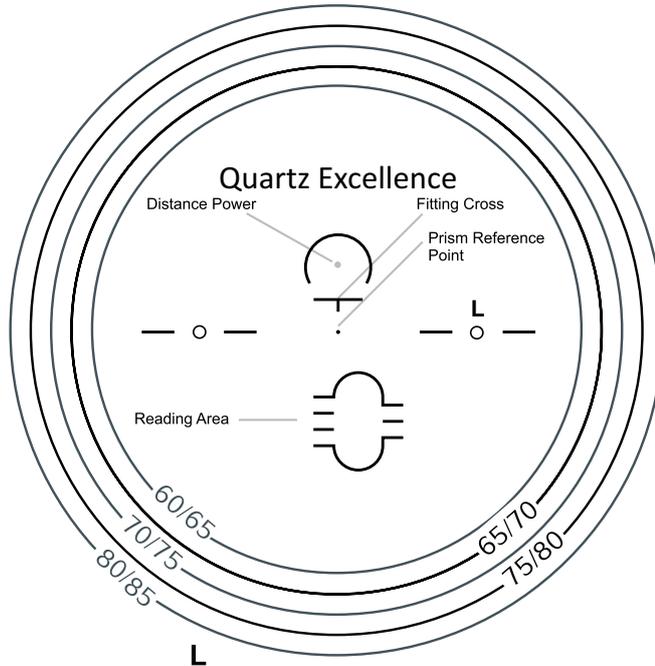
Digital Lens with 100% Back - Surface Aspheric Design	Quartz Excellence	Quartz Brilliance	Quartz Radiance	Quartz Presence
Star	★★★★★	★★★★★	★★★★	★★★
Type	Individual Lifestyle PAL	Lifestyle PAL	Standard PAL	Standard PAL
Technology	Direct Lens View with Maximage Boost	Direct Lens View Technology	Digicon Max Technology	Digicon Max Technology
Frame Shape	✓	✓	✓	✓
Multi-Aspheric Lens	✓	✓	✓	✓
Fitting Height	Min. 14 & Variable	Min. 14 & Variable	17/19/21 mm	15/18 mm
Fitting Cross	4mm	3mm	3mm	4mm
Non adaptation guarantee	✓	✓	✓	✓
Prism	✓	✓	✓	x
Personalization as per frame parameters	✓	✓	x	x
Personalization as per eye parameters	✓	✓	x	x
Variable fitting height	✓	✓	x	x
Automatic inset	✓	✓	x	x
Inset Customization	✓	✓	✓	x
Power Compensation/Optimization	✓	✓	x	x
Automatic design selected as per vision preference	✓	✓	x	x
Digitech	✓	✓	x	x
Slim Shape	✓	✓	x	x



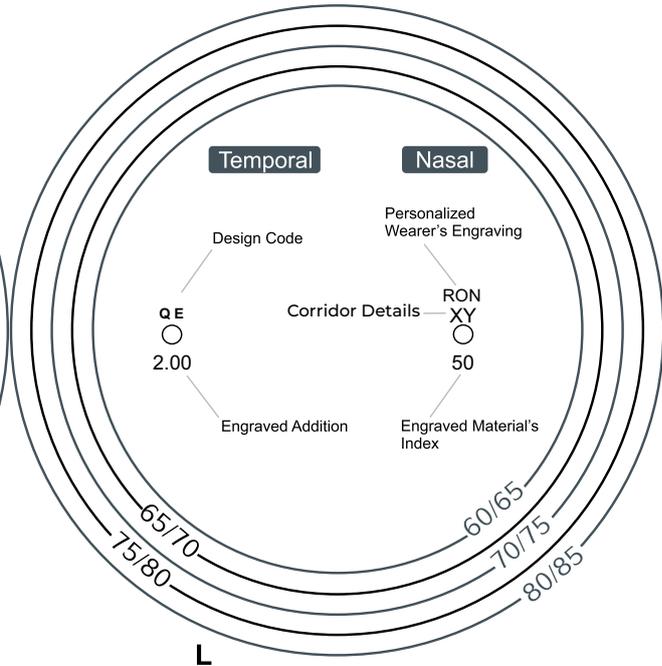
Fitting cross is located 4mm above lens Prism Reference Point

*The minimum fitting height is 14mm

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle



Ink Markings as viewed from the front



Lens Engraved as viewed from the front

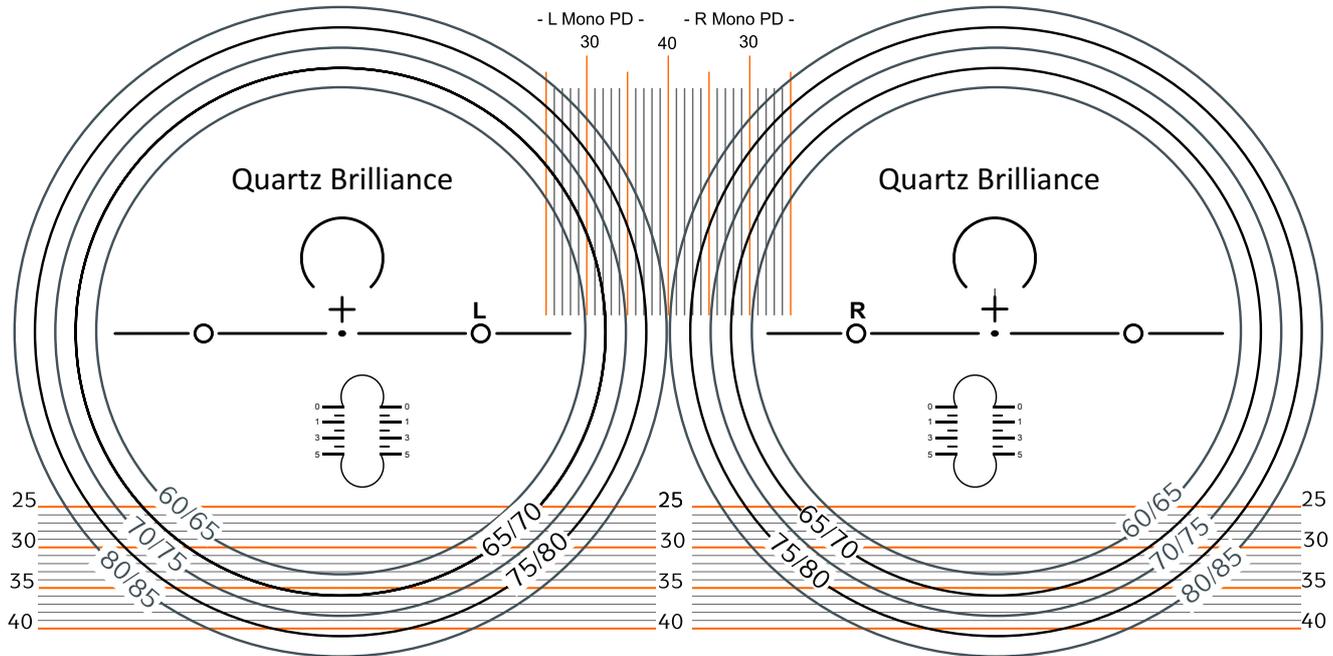
Range Chart

Excellence

Premium Digital Progressive	Material					Diameter
Quartz Excellence 1.50	 CLEAR -10,00 to +10,00	 Transitions -10,00 to +10,00	 POLARISED -8,00 to +8,00	 Transitions XTRActive™ -10,00 to +10,00	 Blue Shield TECHNOLOGY -10,00 to +12,00	<70/75
Quartz Excellence Trivex	 CLEAR -9,00 to +8,00	 Transitions -10,00 to +8,00	 POLARISED -8,00 to +8,00	 Transitions XTRActive™ -10,00 to +10,00		<70/75
Quartz Excellence 1.56	 ECLIPSE -10,00 to +10,00					<70/75
Quartz Excellence Poly	 CLEAR -10,00 to +10,00	 Transitions -10,00 to +10,00	 POLARISED -10,00 to +10,00	 Transitions XTRActive™ -10,00 to +10,00	 Blue Shield TECHNOLOGY -10,00 to +9,00	<70/75
Quartz Excellence 1.60	 CLEAR -11,00 to +11,00	 Transitions -11,00 to +10,00	 POLARISED -8,00 to +10,00	 Transitions XTRActive™ -10,00 to +12,00	 Blue Shield TECHNOLOGY -11,00 to +10,00	<70/75
Quartz Excellence 1.67	 CLEAR -12,00 to +12,00	 Transitions -11,00 to +10,00	 POLARISED -10,00 to +10,00	 Transitions XTRActive™ -10,00 to +14,00	 Blue Shield TECHNOLOGY -12,00 to +13,00	<70/75
Quartz Excellence 1.74	 CLEAR -15,00 to +16,00	 Transitions -12,00 to +10,00			 Blue Shield TECHNOLOGY -15,00 to +10,00	<70/75

Power ranges may vary depending on prescription and frame parameters

Centration Chart

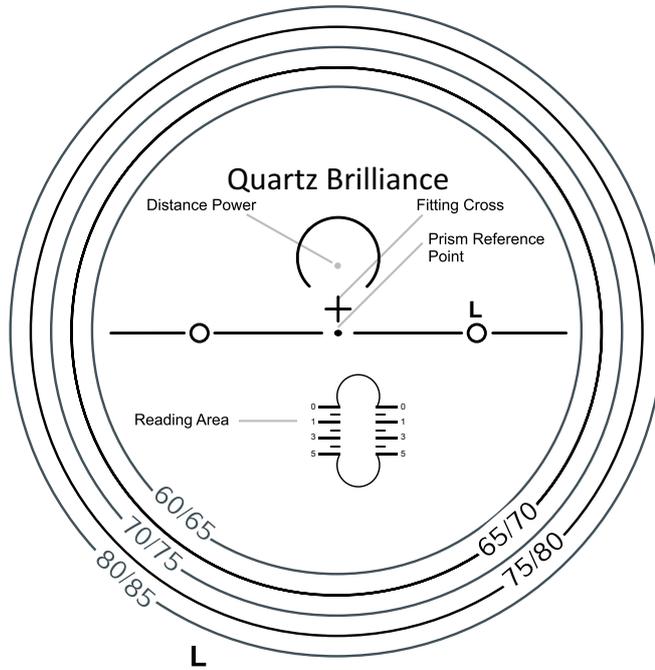


Fitting cross is located 3mm above lens Prism Reference Point.

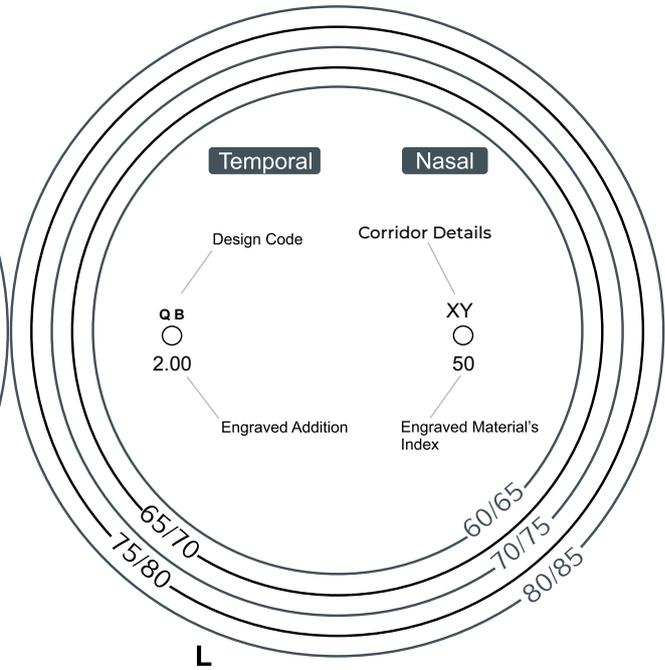
*5 = Regular (20 mm), 3 = Short (18 mm), 1 = Xtra Short (16 mm), 0 = Super Short (14 mm)

*The minimum fitting height is 14mm

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle



Ink Markings as viewed from the front

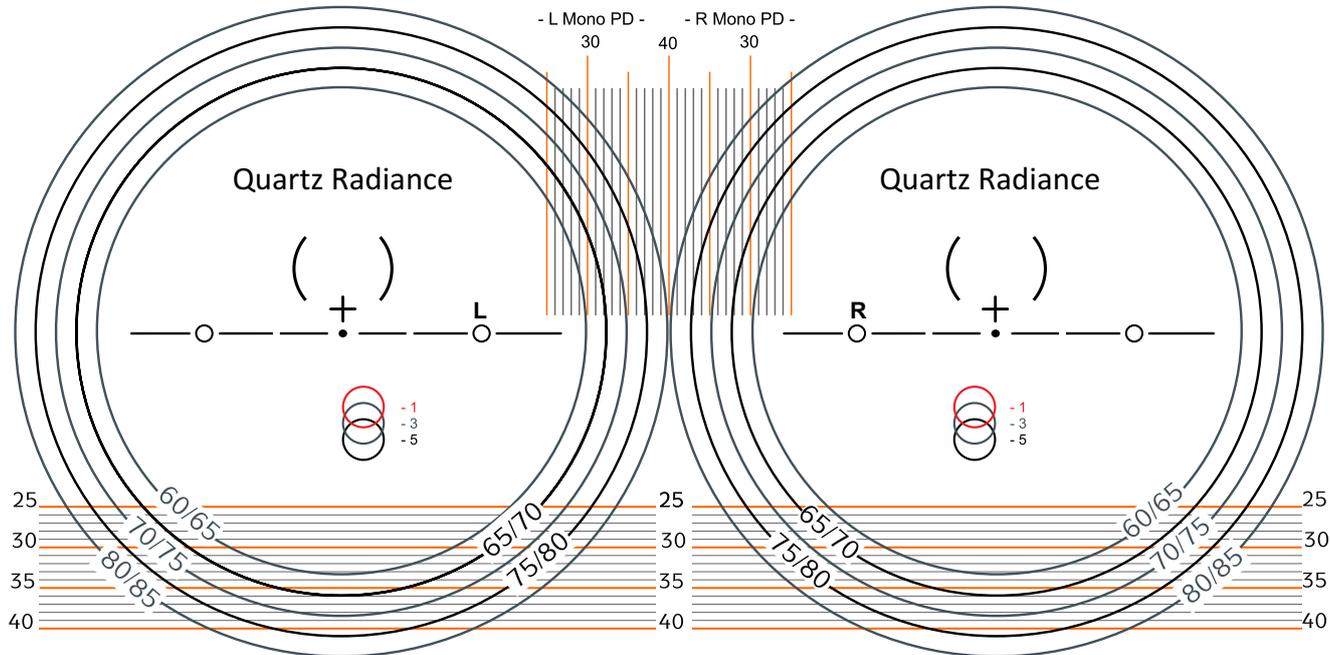


Lens Engraved as viewed from the front

Centration Chart

Premium Digital Progressive	Material					Diameter
Quartz Brilliance 1.50	 CLEAR -10,00 to +10,00	 Transitions -10,00 to +10,00	 POLARISED -8,00 to +8,00	 Transitions XTRActive -10,00 to +10,00	 Blue Shield TECHNOLOGY -10,00 to +12,00	<70/75
Quartz Brilliance Trivex	 CLEAR -9,00 to +8,00	 Transitions -10,00 to +8,00	 POLARISED -8,00 to +8,00	 Transitions XTRActive -1 0,00 to +10,00		<70/75
Quartz Brilliance 1.56	 ECLIPSE -10,00 to +10,00					<70/75
Quartz Brilliance Poly	 CLEAR -10,00 to +10,00	 Transitions -10,00 to +10,00	 POLARISED -8,00 to +10,00	 Transitions XTRActive -1 0,00 to +10,00	 Blue Shield TECHNOLOGY -10,00 to +9,00	<70/75
Quartz Brilliance 1.60	 CLEAR -11,00 to +11,00	 Transitions -11,00 to +10,00	 POLARISED -8,00 to +10,00	 Transitions XTRActive -10,00 to +12,00	 Blue Shield TECHNOLOGY -11,00 to +10,00	<70/75
Quartz Brilliance 1.67	 CLEAR -12,00 to +12,00	 Transitions -11,00 to +10,00	 POLARISED -10,00 to +10,00	 Transitions XTRActive -10,00 to +14,00	 Blue Shield TECHNOLOGY -12,00 to +13,00	<70/75
Quartz Brilliance 1.74	 CLEAR -15,00 to +16,00	 Transitions -12,00 to +10,00			 Blue Shield TECHNOLOGY -15,00 to +10,00	<70/75

Power ranges may vary depending on prescription and frame parameters

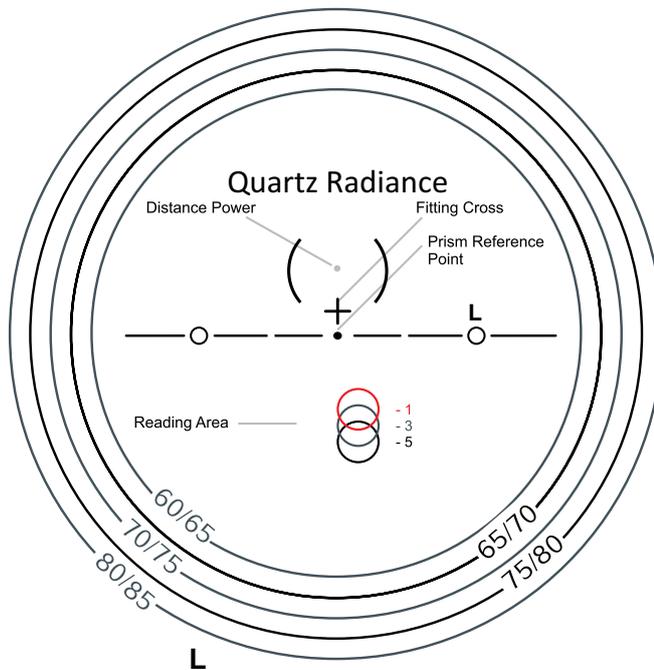


Fitting cross is located 3mm above lens Prism Reference Point.

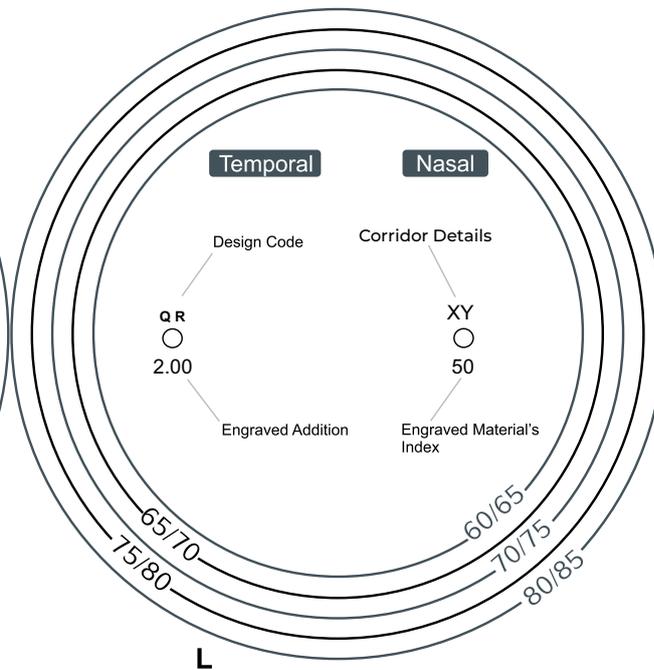
*5 = Regular (19/20 mm), 3 = Short (17/18 mm), 1 = Xtra Short (15/16 mm)

*The minimum fitting height/Recommended fitting height

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle



Ink Markings as viewed from the front



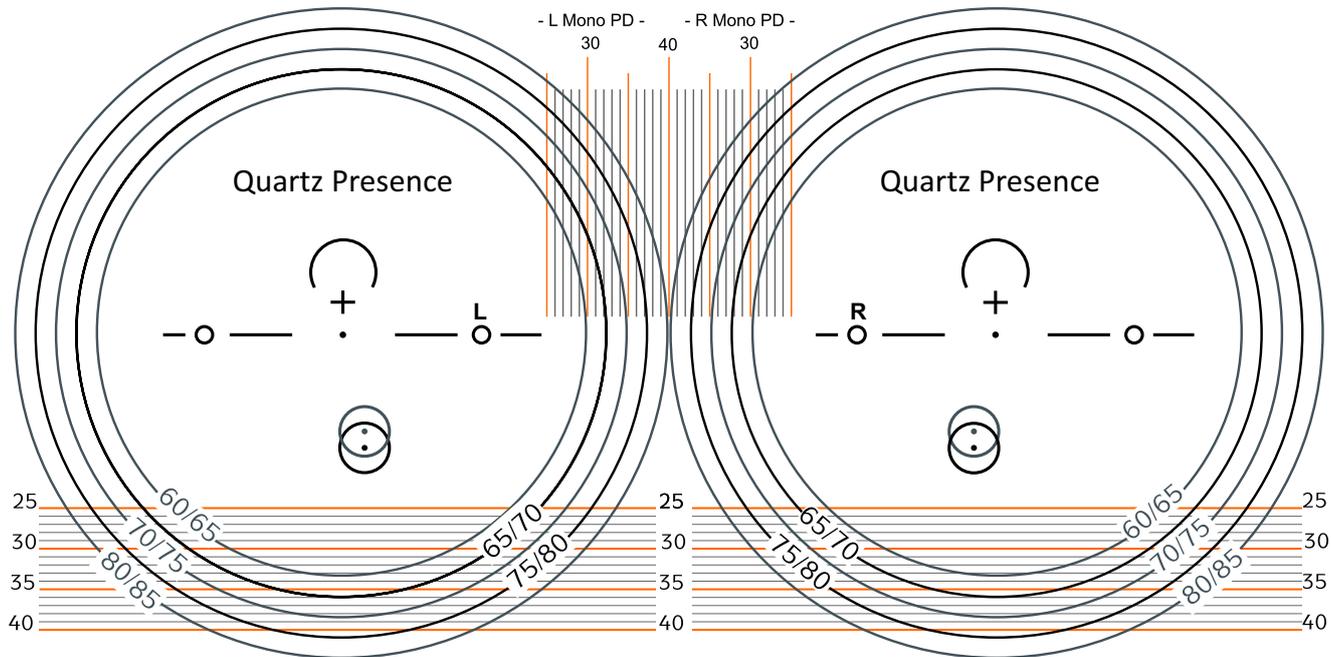
Lens Engraved as viewed from the front

Range Chart

Radiance

Premium Digital Progressive	Material					Diameter
Quartz Radiance 1.50	CLEAR  -10,00 to +10,00	Transitions  -10,00 to +10,00	POLARISED  -8,00 to +8,00	Transitions XTRActive -10,00 to +10,00	 -10,00 to +12,00	<70/75
Quartz Radiance Trivex	CLEAR  -9,00 to +8,00	Transitions  -10,00 to +8,00	POLARISED  -8,00 to +8,00	Transitions XTRActive -10,00 to +10,00		<70/75
Quartz Radiance 1.56	ECLIPSE -10,00 to +10,00					<70/75
Quartz Radiance Poly	CLEAR  -10,00 to +10,00	Transitions  -10,00 to +10,00	POLARISED  -8,00 to +10,00	Transitions XTRActive -10,00 to +10,00	 -10,00 to +9,00	<70/75
Quartz Radiance 1.60	CLEAR  -11,00 to +11,00	Transitions  -11,00 to +10,00	POLARISED  -8,00 to +10,00	Transitions XTRActive -10,00 to +12,00	 -11,00 to +10,00	<70/75
Quartz Radiance 1.67	CLEAR  -12,00 to +12,00	Transitions  -11,00 to +10,00	POLARISED  -10,00 to +10,00	Transitions XTRActive -10,00 to +14,00	 -12,00 to +13,00	<70/75
Quartz Radiance 1.74	CLEAR  -15,00 to +16,00	Transitions  -12,00 to +10,00			 -15,00 to +10,00	<70/75

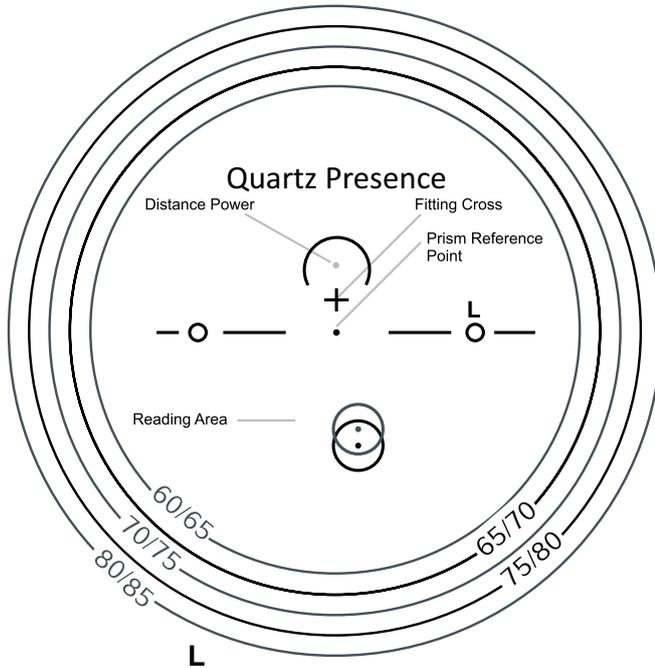
Power ranges may vary depending on prescription and frame parameters



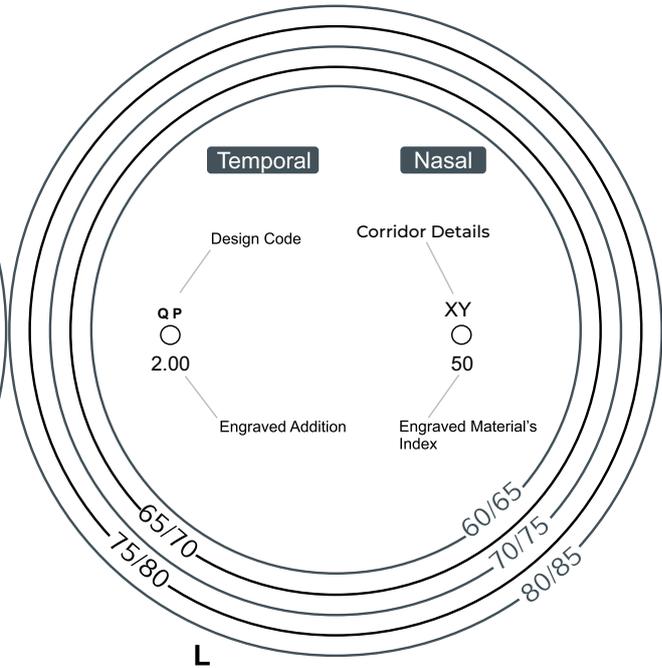
Fitting cross is located 4mm above lens Prism Reference Point.

*○= Regular (18 mm), ○= Short (15 mm)
 *Minimum fitting height

Min fitting height is 50% of near circle



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	<p>CLEAR</p>  <p>-10,00 to +10,00</p>	<p>Transitions</p>  <p>-10,00 to +10,00</p>	<p>SUNadapt</p>  <p>-8,00 to +7,00</p>	<p>POLARISED</p>  <p>-8,00 to +8,00</p>	<p>Transitions XTRActive™</p>  <p>-10,00 to +10,00</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-10,00 to +12,00</p>	<70/75
Quartz Presence 1.56	<p>ECLIPSE</p>  <p>-10,00 to +10,00</p>						<70/75
Quartz Presence Poly	<p>CLEAR</p>  <p>-10,00 to +10,00</p>	<p>Transitions</p>  <p>-10,00 to +10,00</p>	<p>SUNadapt</p>  <p>-11,00 to +8,50</p>	<p>POLARISED</p>  <p>-8,00 to +10,00</p>	<p>Transitions XTRActive™</p>  <p>-10,00 to +10,00</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-10,00 to +9,00</p>	<70/75
Quartz Presence 1.60	<p>CLEAR</p>  <p>-11,00 to +11,00</p>	<p>Transitions</p>  <p>-11,00 to +10,00</p>	<p>SUNadapt</p>  <p>-11,00 to +8,50</p>	<p>POLARISED</p>  <p>-8,00 to +10,00</p>	<p>Transitions XTRActive™</p>  <p>-10,00 to +12,00</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-11,00 to +10,00</p>	<70/75
Quartz Presence 1.67	<p>CLEAR</p>  <p>-12,00 to +12,00</p>	<p>Transitions</p>  <p>-11,00 to +10,00</p>	<p>SUNadapt</p>  <p>-11,00 to +8,50</p>	<p>POLARISED</p>  <p>-10,00 to +10,00</p>	<p>Transitions XTRActive™</p>  <p>-10,00 to +14,00</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-12,00 to +13,00</p>	<70/75

Power ranges may vary depending on prescription and frame parameters

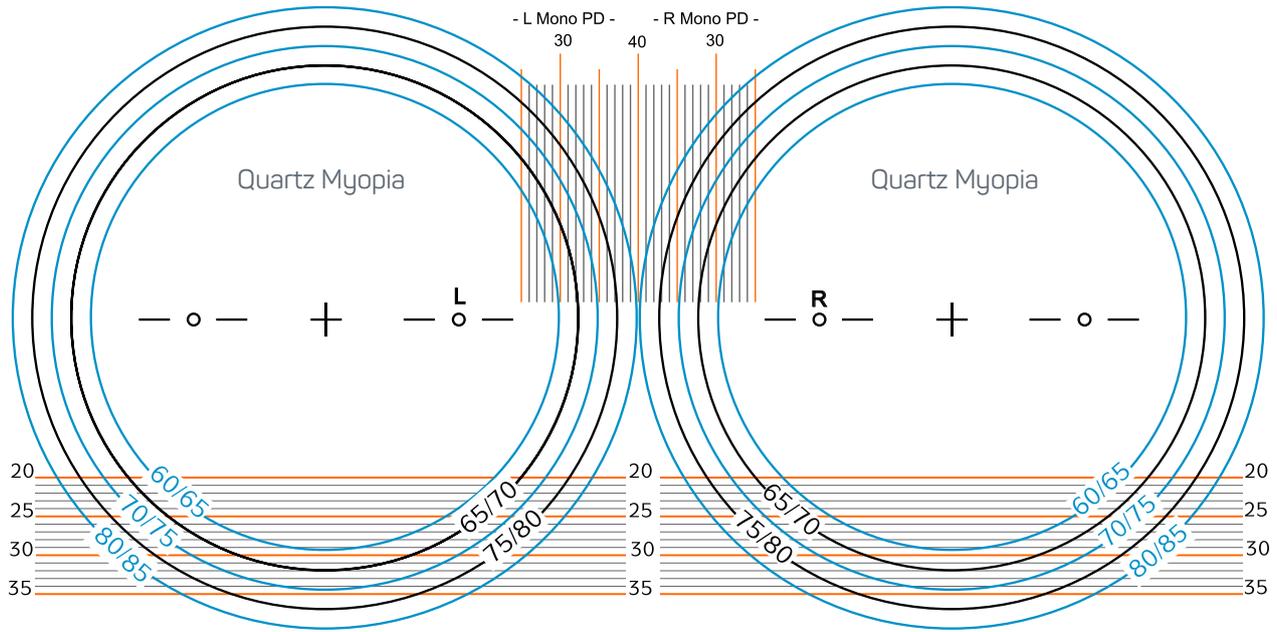


Myopia
Quartz 
CRYSTAL CLEAR VISION

Single vision lenses
with a specific Myopia
Management design for
children between the ages
of 6 and 12.

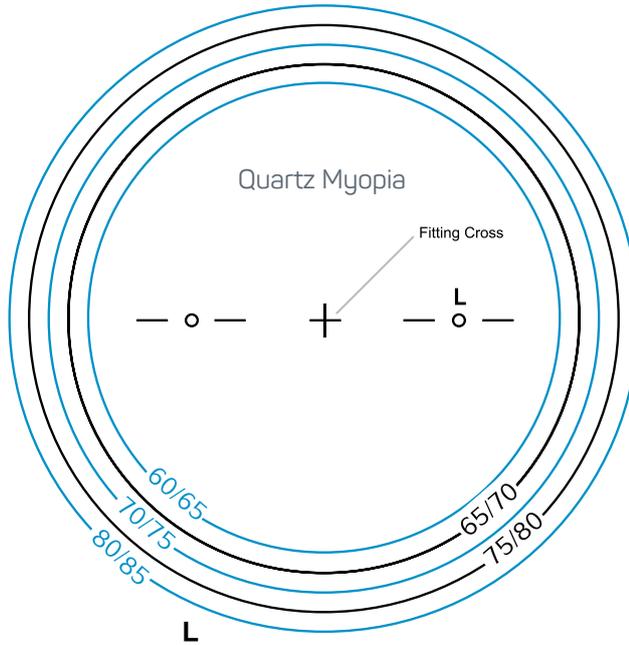
A unique lens specifically
developed for a child's
growing eyes.

Centration Chart



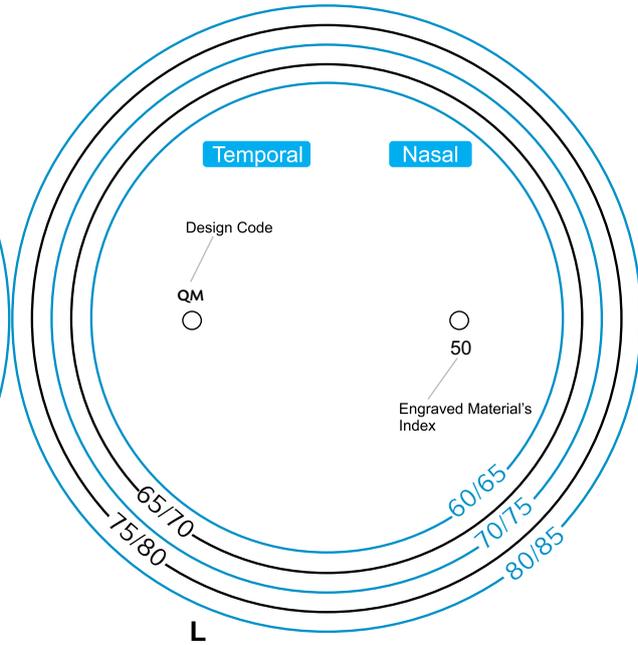
Fitting Cross is on OC





Ink Markings

as viewed from the front



Lens Engraved

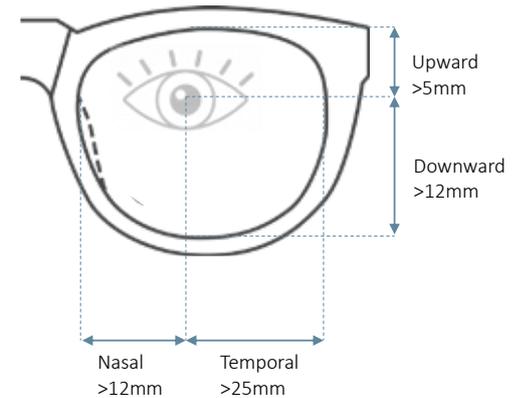
as viewed from the front

Centration Chart



Premium Digital Progressive	Material			
Quartz Myopia 1.50	<p>CLEAR</p>  <p>-10.00 to -0.25</p>	<p>Transitions</p>  <p>-10.00 to -0.25</p>	<p>SUNadapt</p>  <p>-10.00 to -0.25</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-10.00 to -0.25</p>
Quartz Myopia Poly	<p>CLEAR</p>  <p>-12.00 to -0.25</p>	<p>Transitions</p>  <p>-11.00 to -0.25</p>	<p>SUNadapt</p>  <p>-11.00 to -0.25</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-10.00 to -0.25</p>
Quartz Myopia 1.60	<p>CLEAR</p>  <p>-12.00 to -0.25</p>	<p>Transitions</p>  <p>-12.00 to -0.25</p>	<p>SUNadapt</p>  <p>-11.00 to -0.25</p>	<p>Blue Shield TECHNOLOGY</p>  <p>-10.00 to -0.25</p>

Minimum mounting dimensions



Power ranges may vary depending on prescription and frame parameters



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.

Easy to Fit!

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

Check Prescription

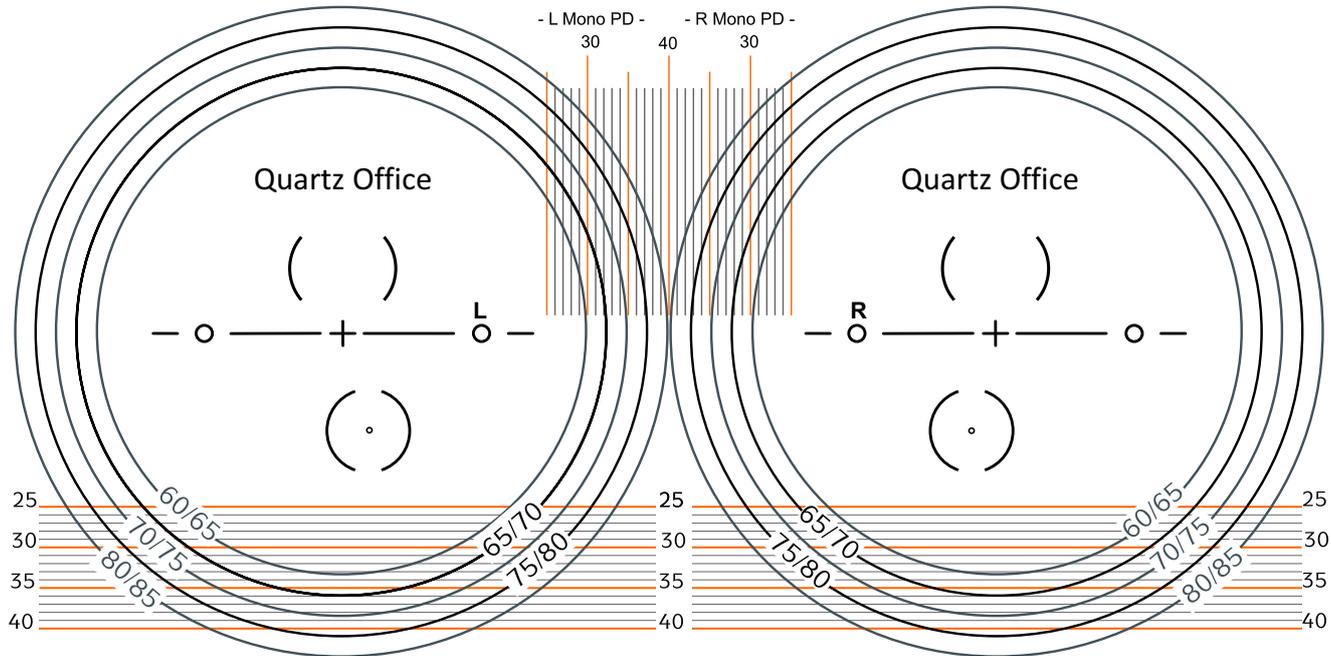
Check the far-vision prescription and record it exactly as you would for a progressive or bifocal lens. Pupillary Distance Measurement - take mono distance PD measurement.

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.

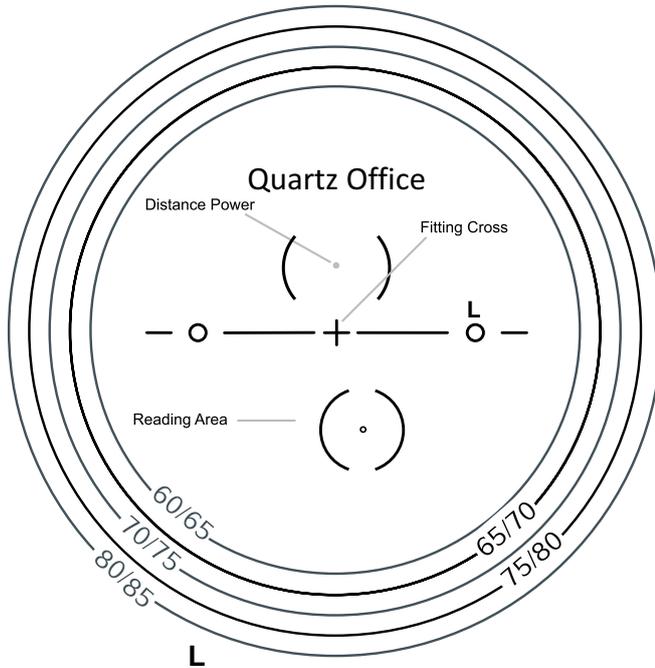


Fitting cross is on OC

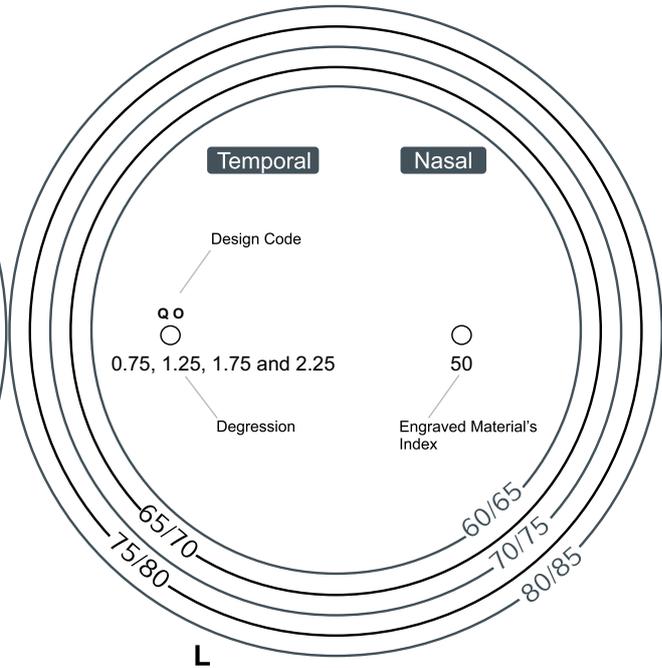
*15mm, 16 mm

*Minimum fitting height/Recommended fitting height

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle



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	<p>CLEAR</p>  <p>-6,00 to +6,00</p>	<p>Transitions</p>  <p>-6,00 to +8,00</p>	 <p>-6,00 to +6,00</p>	<70/75
Quartz Office 1.60	<p>CLEAR</p>  <p>-7,00 to +7,00</p>	<p>Transitions</p>  <p>-6,00 to +7,00</p>	 <p>-7,00 to +7,00</p>	<70/75
Quartz Office 1.67	<p>CLEAR</p>  <p>-8,00 to +8,00</p>	<p>Transitions</p>  <p>-6,00 to +8,00</p>	 <p>-8,00 to +8,00</p>	<70/75
Quartz Office 1.74	<p>CLEAR</p>  <p>-8,00 to +8,00</p>	<p>Transitions</p>  <p>-8,00 to +8,00</p>	 <p>-8,00 to +8,00</p>	<70/75

Power ranges may vary depending on prescription and frame parameters

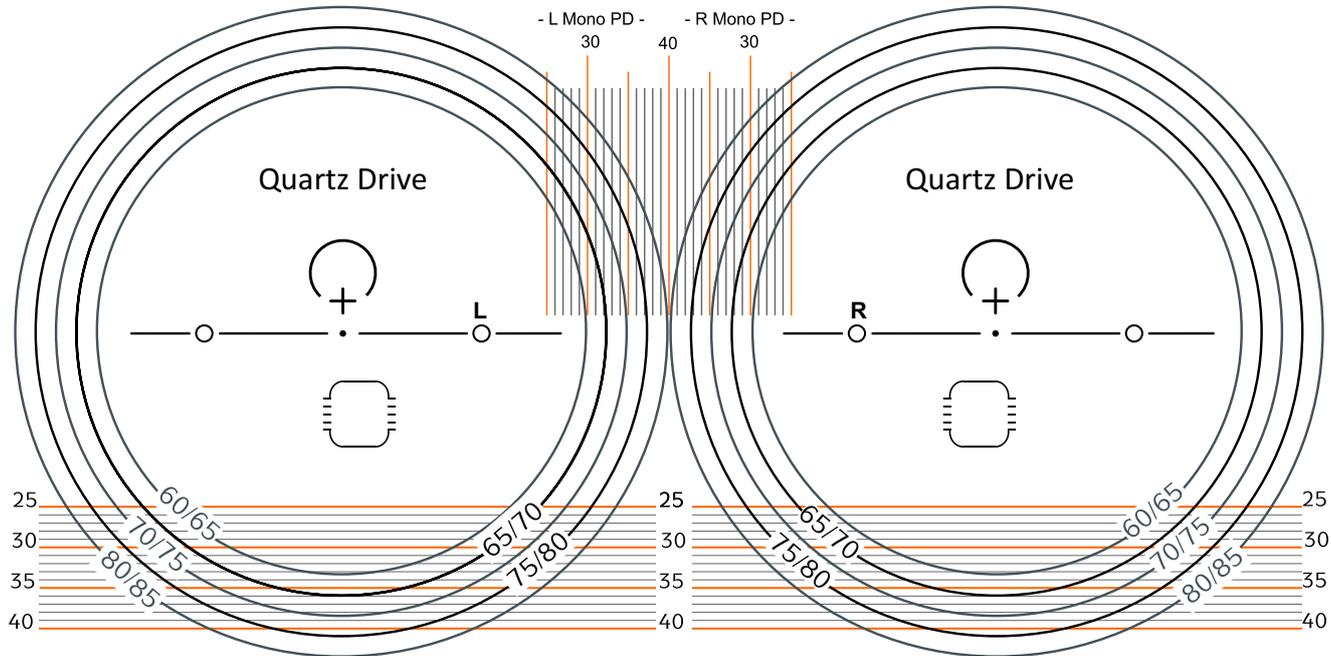


Driving can turn into a challenging task at the best of times and good vision is important for safe driving. For a lot of people, driving becomes stressful and quite uncomfortable during lower light of the dawn, dusk and in certain weather conditions like mist and rain.

To ensure clear distance vision the top of the lens is required to be free of aberrations. A panoramic visual field in the distance zone allows a comfortable view of the road as well as the rear and side mirrors.



Centration Chart

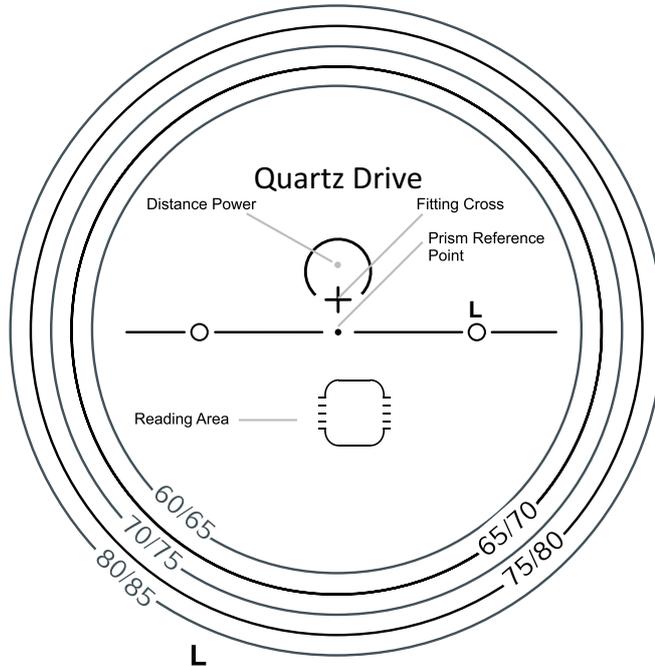


Fitting cross is located 4mm above lens Prism Reference Point

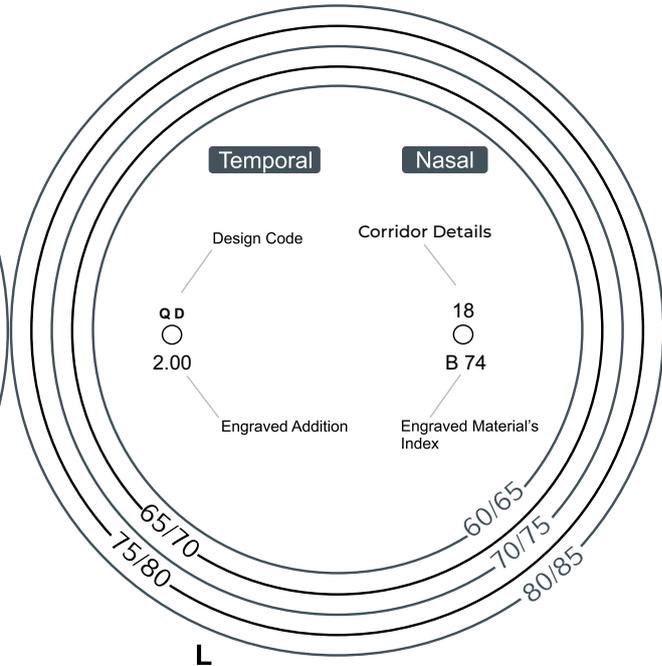
*The minimum fitting height is 18mm

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle





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	 -10,00 to +10,00	 -10,00 to +12,00	<70/75
Quartz Drive Poly	 -10,00 to +10,00	 -10,00 to +9,00	<70/75
Quartz Drive 1.60	 -10,00 to +12,00	 -11,00 to +10,00	<70/75
Quartz Drive 1.67	 -10,00 to +14,00	 -12,00 to +13,00	<70/75

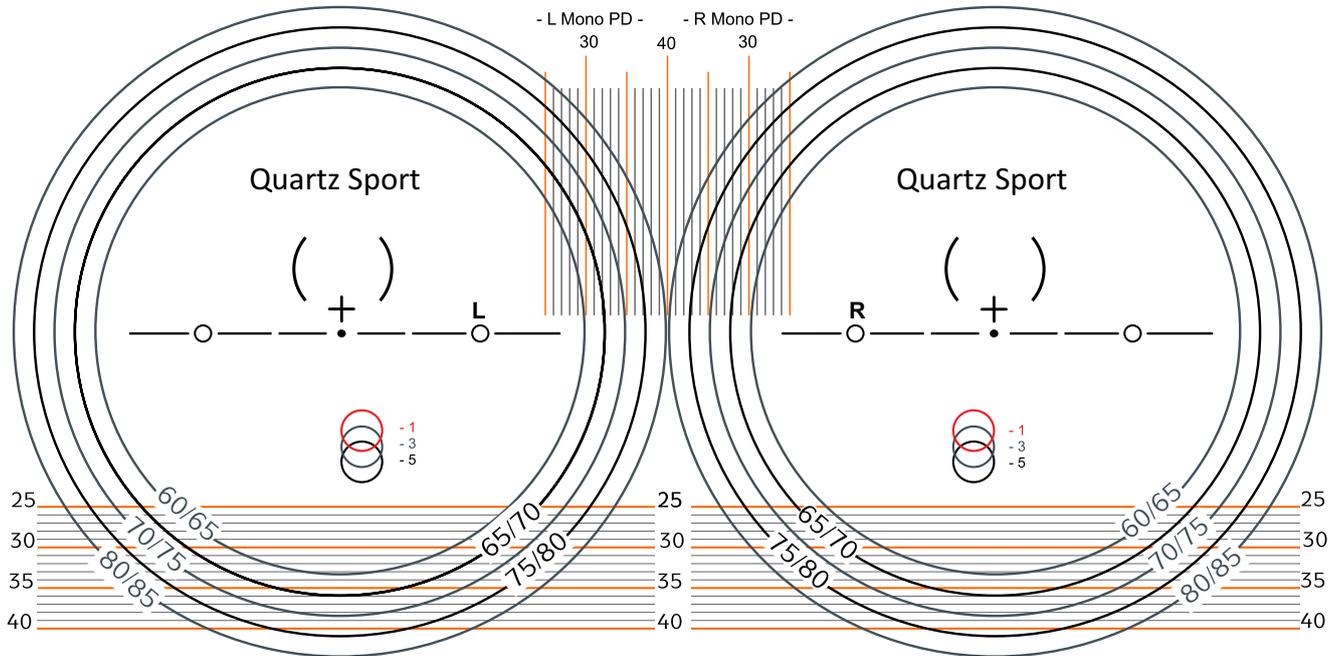
Power ranges may vary depending on prescription and frame parameters

When taking part in sport or in general outdoor activities, clear vision is essential. Available in both single vision and progressive using the latest lens technology Quartz Sports lenses give the wearer superior clarity, high contrast vision and glare protection. Prescription lenses are available with different base curves and in a number of different materials. Lenses are provided with back surface hard multi coat anti Reflection coating with or without Flash Mirror.

The use of high base curve lenses ensures the wrap around frame maintains its intended shape and wrap around the face to give a significantly improved fit.



Centration Chart



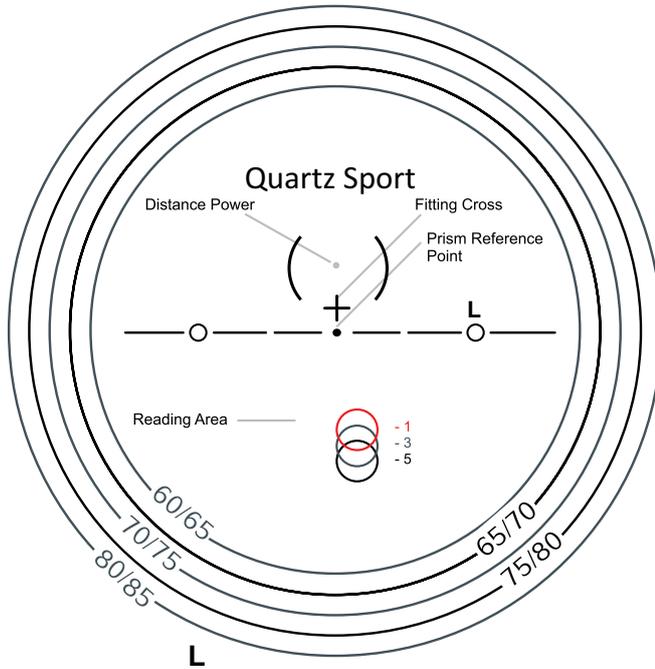
Fitting cross is located 3mm above lens Prism Reference Point.

*5 = Regular (21/22 mm), 3 = Short (19/20 mm), 1 = Xtra Short (17/18 mm)

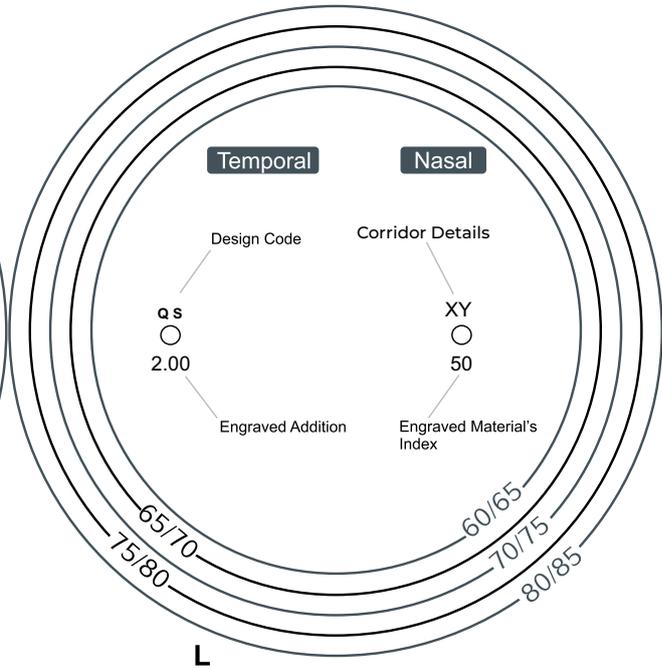
*The minimum fitting height/Recommended fitting height

Min fitting height is 85% of near circle, Recommended fitting height is 100% of near circle





Ink Markings as viewed from the front



Lens Engraved as viewed from the front

Range Chart



Premium Digital Progressive	Material			
Quartz Sport 1.50	<p>CLEAR</p>  <p>-5,50 to +7,00</p>	<p>POLARISED</p>  <p>-5,50 to +7,25</p>	<p>Transitions</p>  <p>-5,50 to +6,50</p>	<p>Transitions XTRActive</p> <p>-4,50 to +7,25</p>
Quartz Sport Trivex	<p>CLEAR</p>  <p>-7,00 to +6,75</p>	<p>POLARISED</p>  <p>-7,00 to +7,50</p>	<p>Transitions</p>  <p>-7,00 to +7,50</p>	<p>Transitions XTRActive</p> <p>-5,50 to +7,50</p>
Quartz Sport 1.56	<p>CLEAR</p>  <p>-3,00 to +7,00</p>			
Quartz Sport Poly	<p>CLEAR</p>  <p>-8,00 to +7,50</p>	<p>POLARISED</p>  <p>-8,00 to +8,00</p>	<p>Transitions</p>  <p>-8,00 to +6,25</p>	<p>Transitions XTRActive</p> <p>-6,50 to +7,50</p>
Quartz Sport 1.60	<p>CLEAR</p>  <p>-7,50 to +7,50</p>	<p>POLARISED</p>  <p>-7,50 to +7,25</p>	<p>Transitions</p>  <p>-7,50 to +7,00</p>	<p>Transitions XTRActive</p> <p>-6,50 to +7,25</p>
Quartz Sport 1.67	<p>CLEAR</p>  <p>-8,00 to +7,50</p>	<p>POLARISED</p>  <p>-8,00 to +7,75</p>	<p>Transitions</p>  <p>-8,00 to +7,50</p>	<p>Transitions XTRActive</p> <p>-7,00 to +7,50</p>
Quartz Sport 1.74	<p>CLEAR</p>  <p>-8,00 to +8,00</p>		<p>Transitions</p>  <p>-8,00 to +7,75</p>	

Power ranges may vary depending on prescription and frame parameters

Introducing - Blue Shield Technology Lenses



Protection from harmful UV & Blue Light

Ordinary Lenses
allows harmful UV & Blue Light to pass through the lens

A diagram showing a black pen-like device with a silver band emitting a purple beam of light through a clear, circular lens. The beam continues straight through the lens and is reflected on the surface below.

Ordinary Lens

Harmful UV & Blue Light pass through the lens

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

A diagram showing a black pen-like device with a silver band emitting a purple beam of light through a clear, circular lens. The beam is blocked by the lens and a dark purple shadow is cast on the surface below.

Blue Shield Lens

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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