

Quartz

CRYSTAL CLEAR VISION™

Digital Progressive Technology
and Premium Coatings



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.



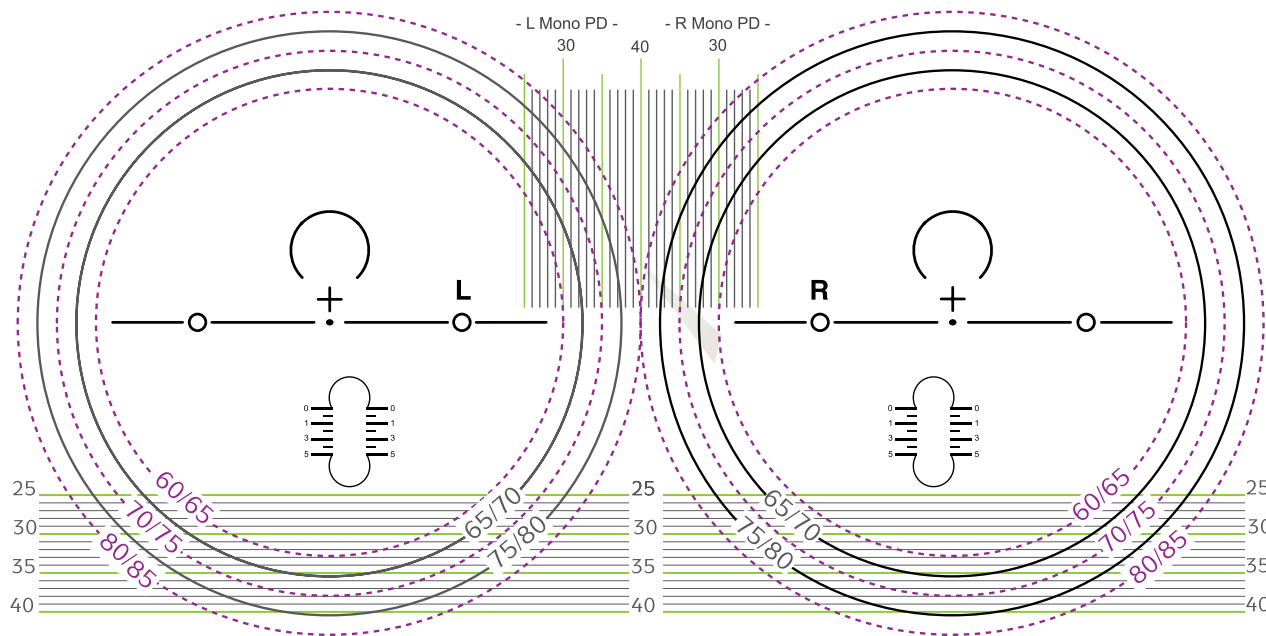
Quartz Office lenses are designed for small working environments. It ensures enhanced vision for contained work and hobby. Reducing visual discomfort especially when using a computer. Available with adds up to +3.50. Provided with Blue Shield Technology.

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

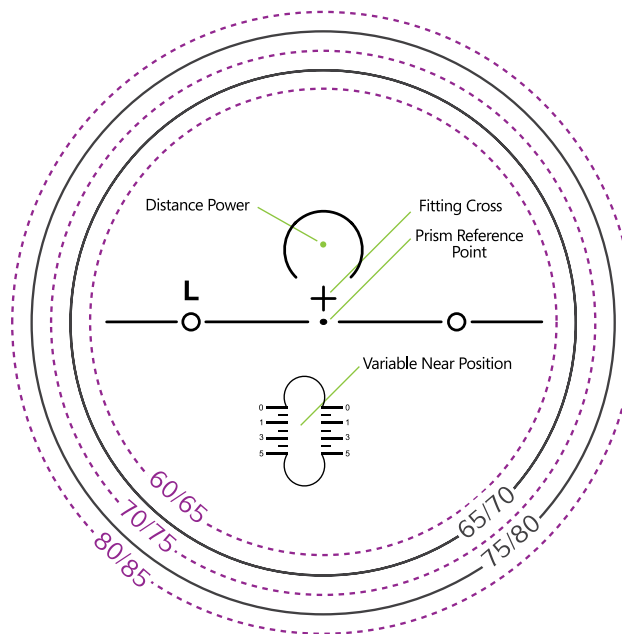
The minimum fitting height is 14mm

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

Brilliance
Quartz
CRYSTAL CLEAR VISION

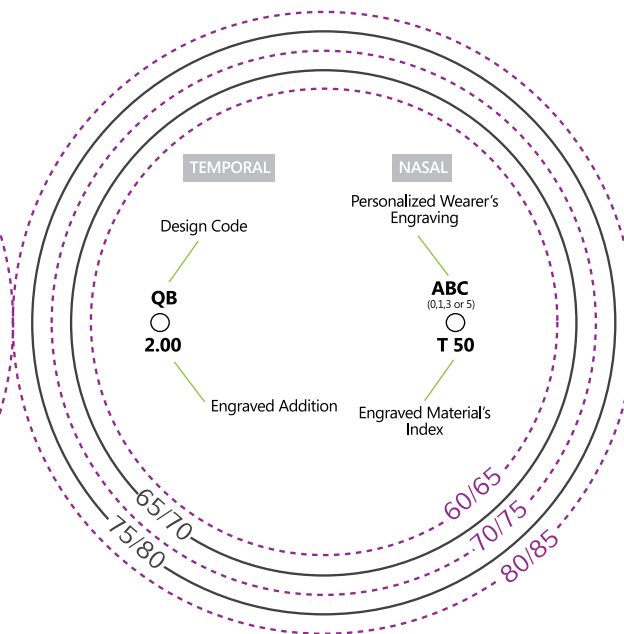
Centration Chart

Brilliance



Ink Markings

as viewed from the front




























Lens Engraved

as viewed from the front

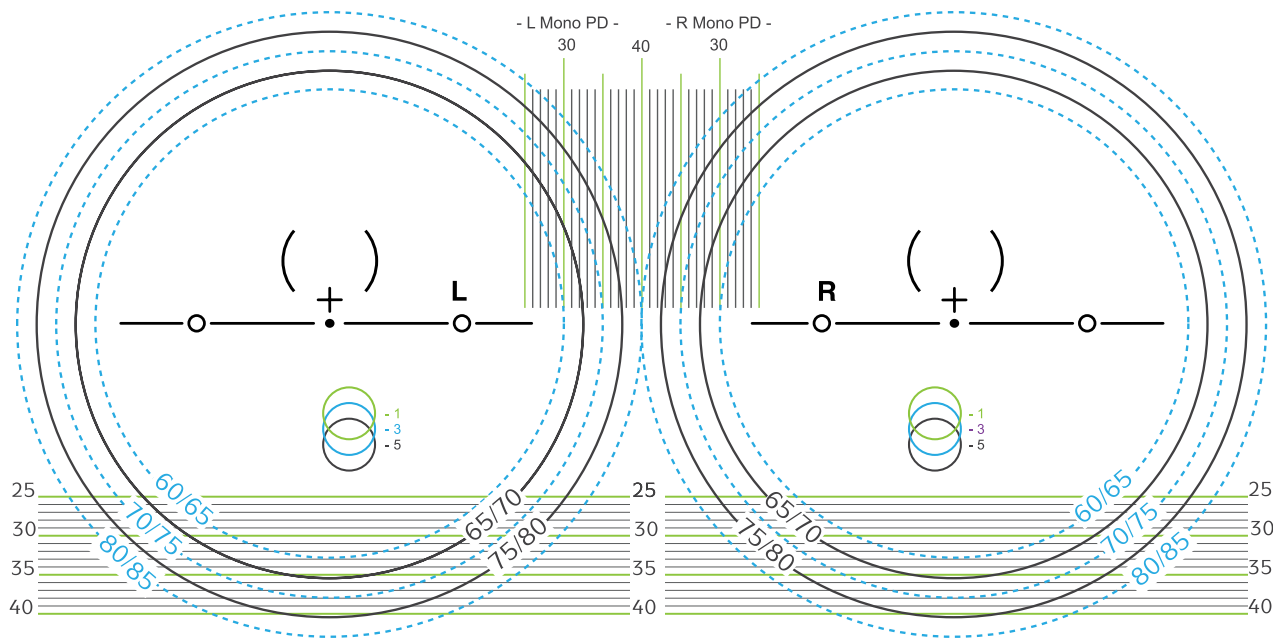
Range Chart

Brilliance

| Premium Digital Progressive | Material | | | | | Diameter |
|-----------------------------|---|---|---|--|---|----------|
| Quartz Brilliance 1.50 |  CLEAR -8,00 to +10,00 |  Transitions -1,00 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 Poly |  CLEAR -10,00 to +10,00 |  Transitions -10,00 to +10,00 |  POLARISED -7,00 to +10,00 |  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 -7,00 to +10,00 |  Transitions XTRActive [®] -10,00 to +10,00 |  Blue Shield TECHNOLOGY -10,00 to +6,00 | <70/75 |
| Quartz Brilliance 1.67 |  CLEAR -11,00 to +10,00 |  Transitions -12,00 to +9,00 |  POLARISED -7,00 to +10,00 |  Transitions XTRActive [®] -10,00 to +8,00 |  Blue Shield TECHNOLOGY -12,00 to +6,00 | <70/75 |
| Quartz Brilliance 1.74 |  CLEAR -14,00 to +10,00 |  Transitions -12,00 to +10,00 | | |  Blue Shield TECHNOLOGY -15,00 to +6,00 | <70/75 |

Centration Chart

Radiance



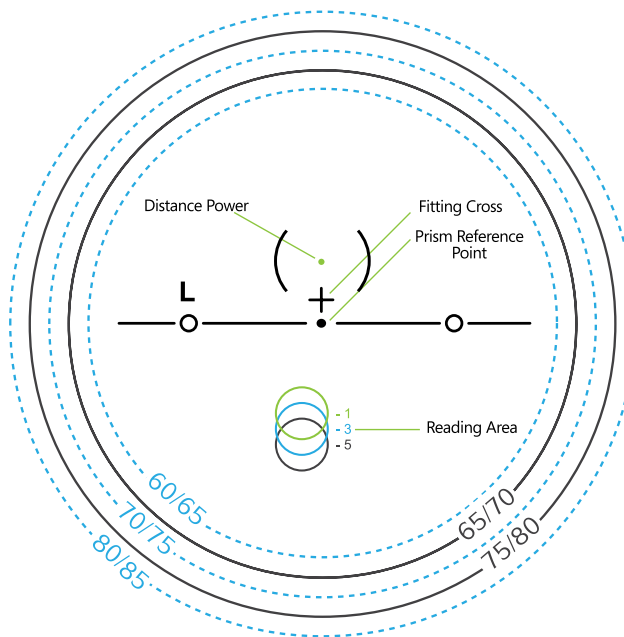
Fitting Cross is located 3mm above lens geometric center

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

Minimum fitting height/Recommended fitting height

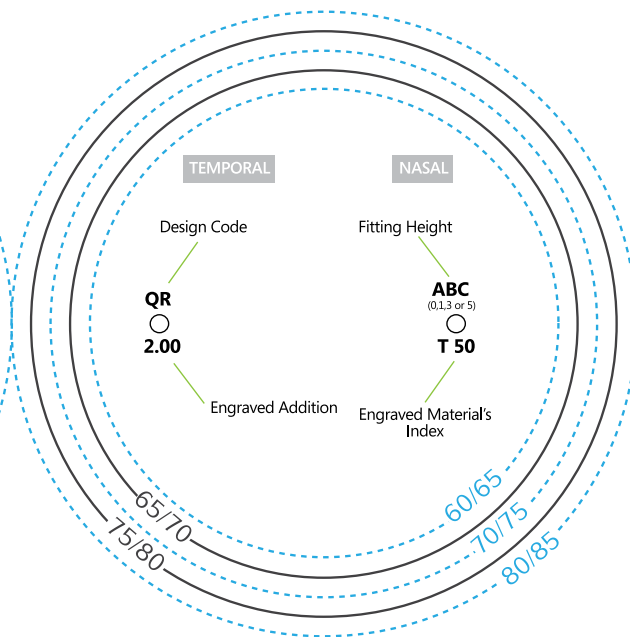


Min Fitting height is 85% of near circle; recommended fitting height is 100% of near circle



Ink Markings

as viewed from the front























Lens Engraved

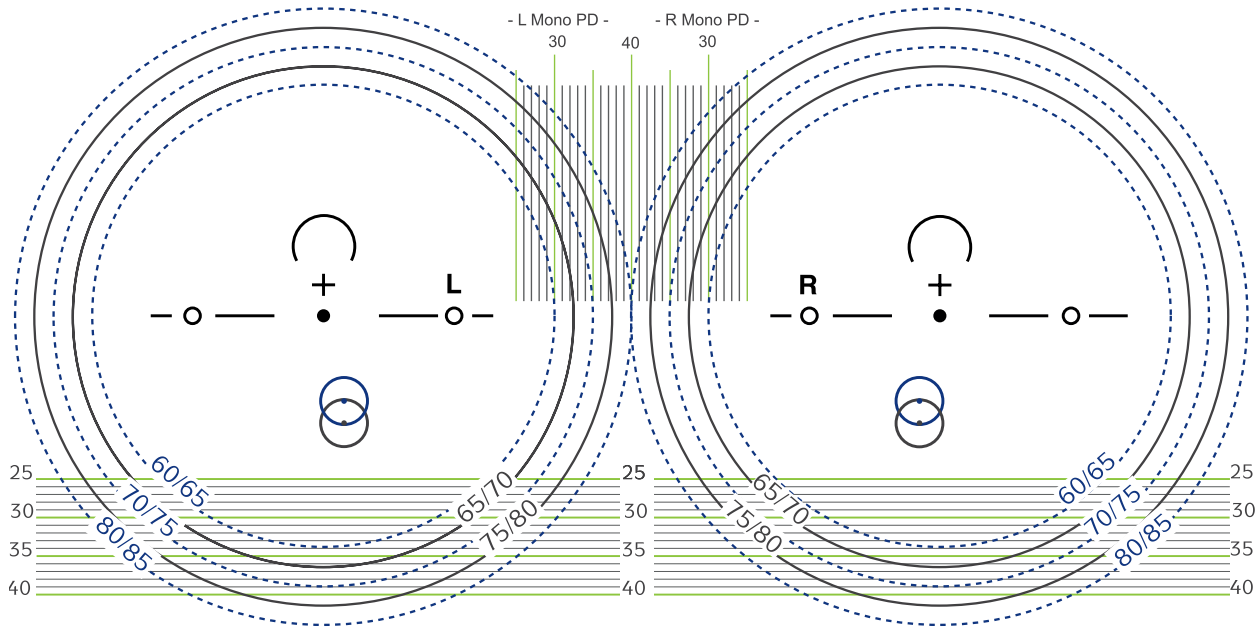
as viewed from the front

Range Chart

Radiance

| Premium Digital Progressive | Material | | | | | Diameter |
|-----------------------------|--|---|---|--|---|----------|
| Quartz Radiance 1.50 | CLEAR  -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 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 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 | | <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 |  -10,00 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 |  -12,00 to +6,00 | <70/75 |
| Quartz Radiance 1.74 | CLEAR  -14,00 to +10,00 | Transitions®  -12,00 to +10,00 | | |  -15,00 to +6,00 | <70/75 |

Centration Chart



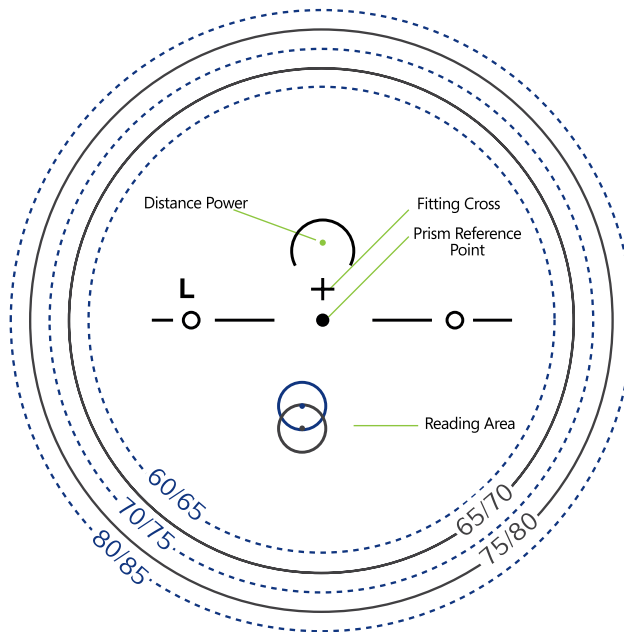
Fitting Cross is located 4mm above lens geometric center

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

***Minimum fitting height**

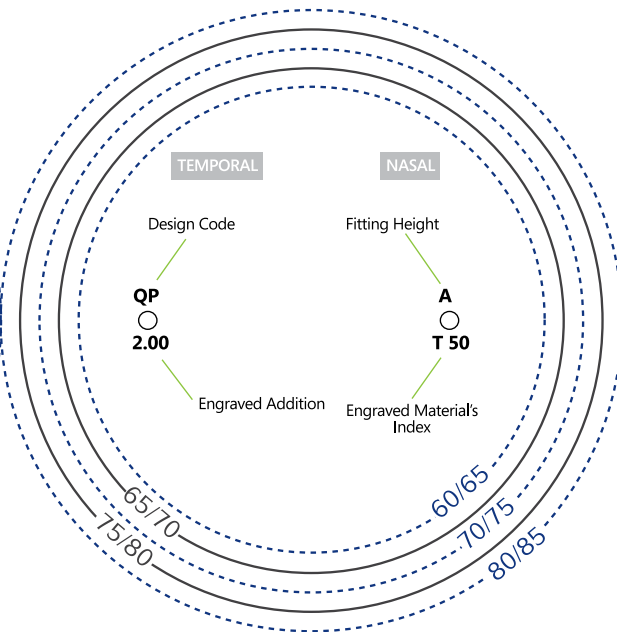
Min Fitting height is 50% of near circle

Centration Chart



Ink Markings

as viewed from the front



Lens Engraved

as viewed from the front

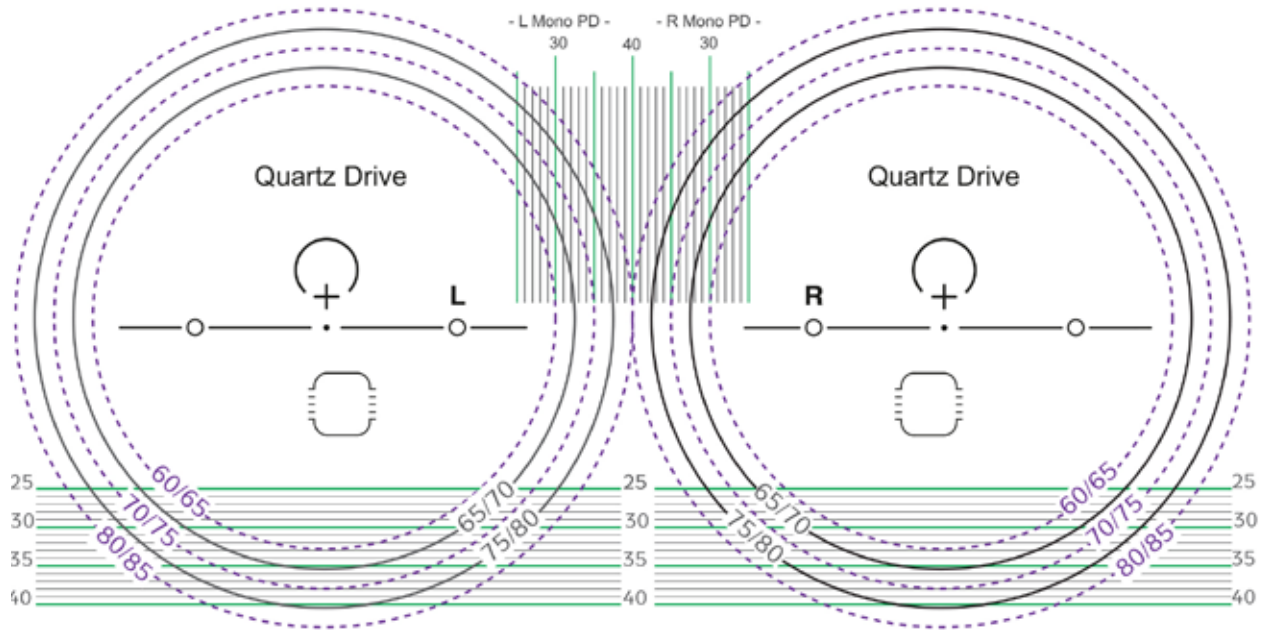
Range Chart

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 |

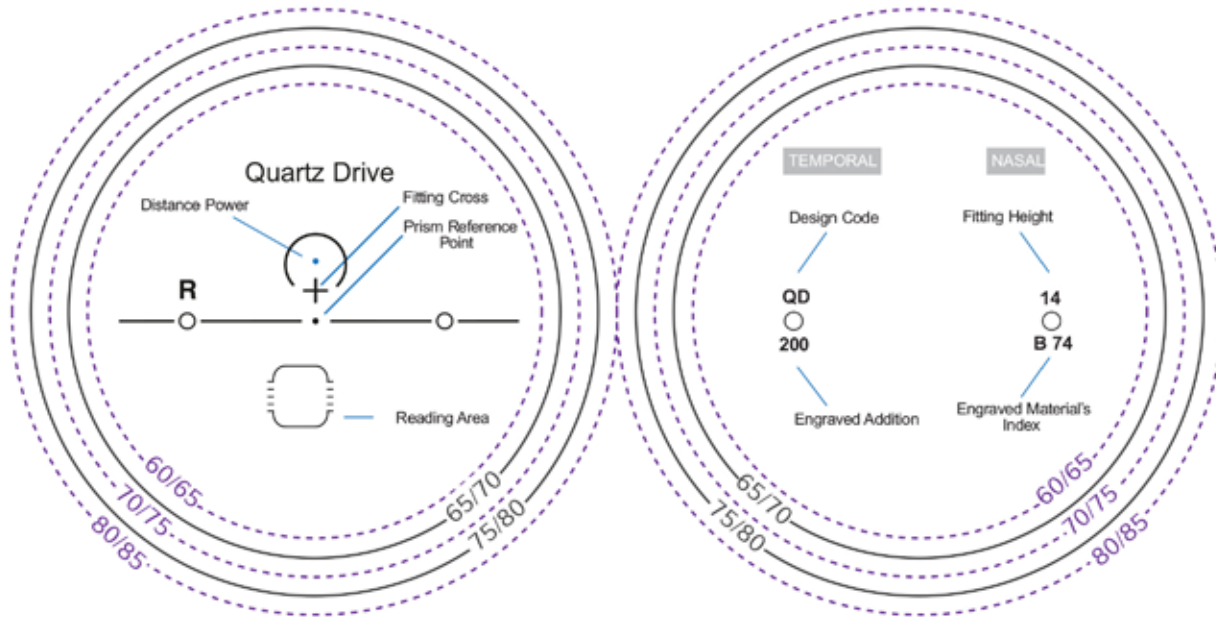
Centration Chart

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

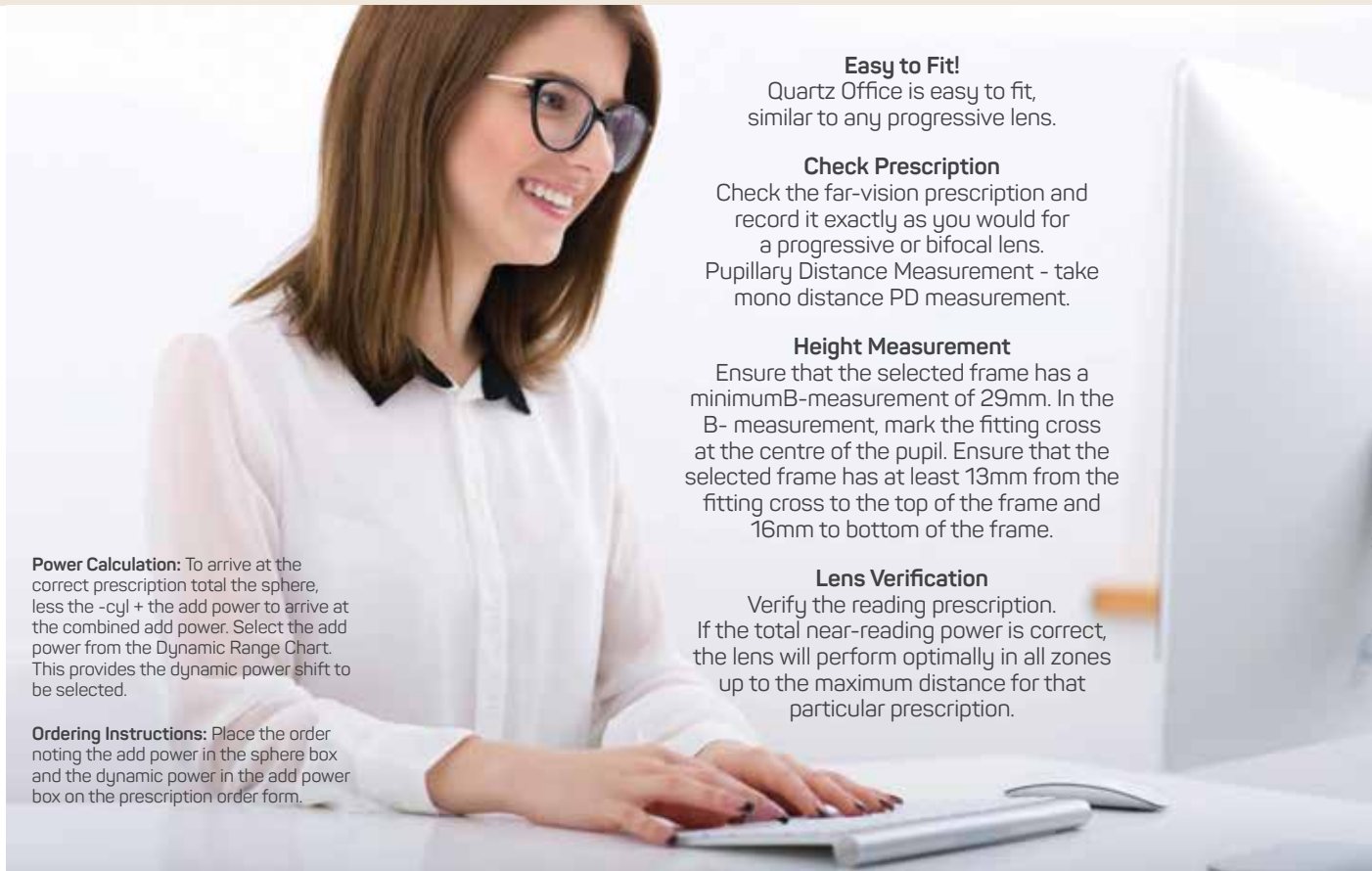
Ensure that the selected frame has a minimum B-measurement of 29mm. In the B-measurement, mark the fitting cross at the centre of the pupil. Ensure that the selected frame has at least 13mm from the fitting cross to the top of the frame and 16mm to bottom of the frame.

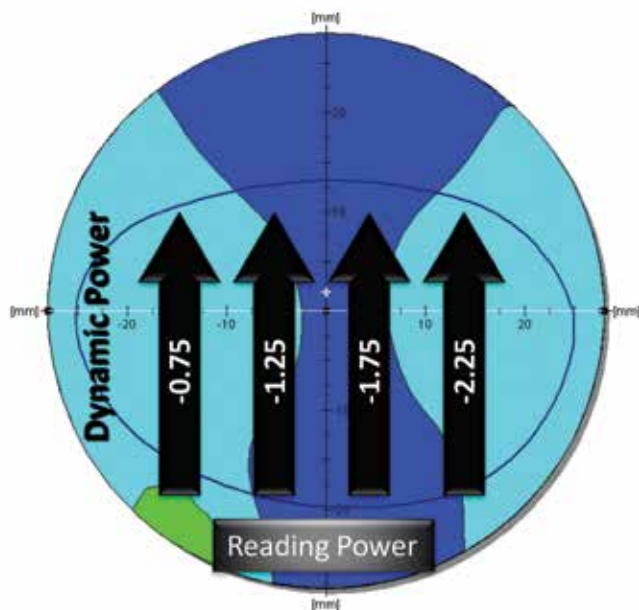
Lens Verification

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.



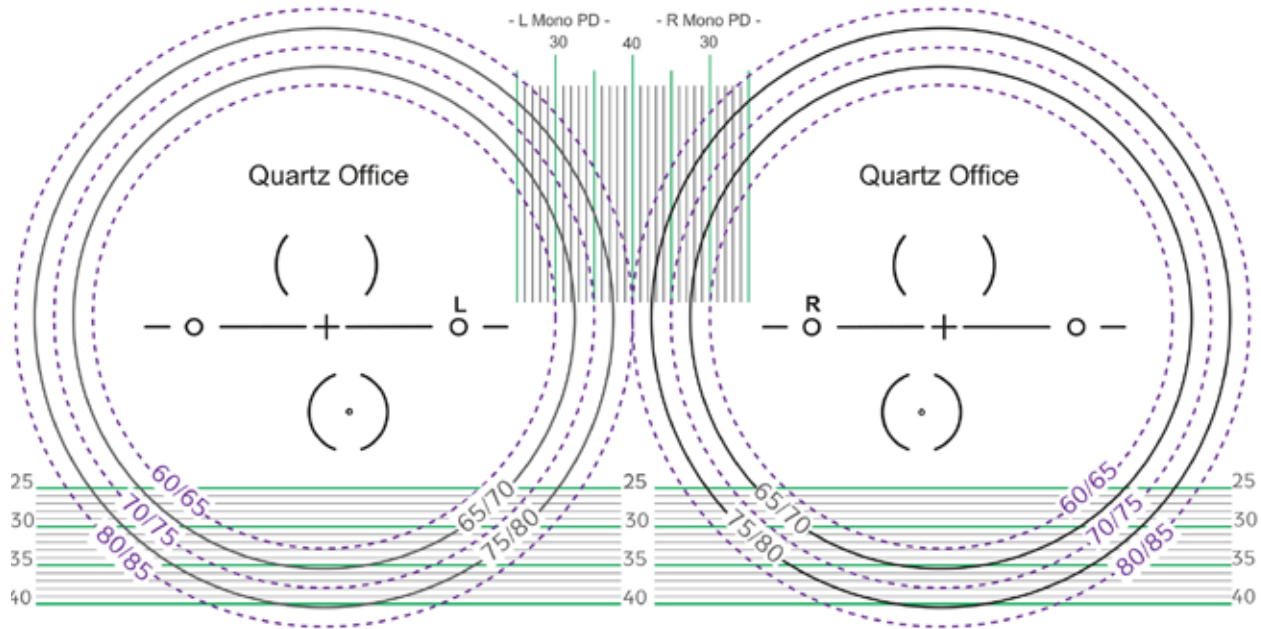


The only lens available with 4 dynamic powers

| 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 |

Centration Chart

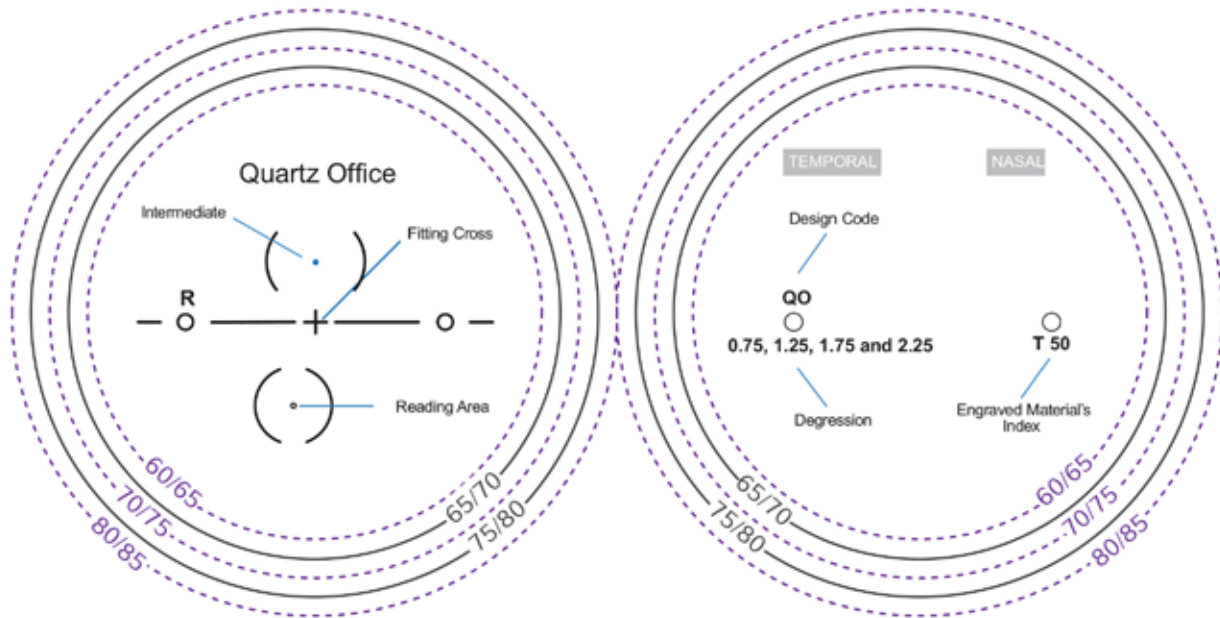
Office



Fitting Cross is on OC

*15/16mm

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



Ink Markings








as viewed from the front

Lens Engraved

as viewed from the front

Range Chart

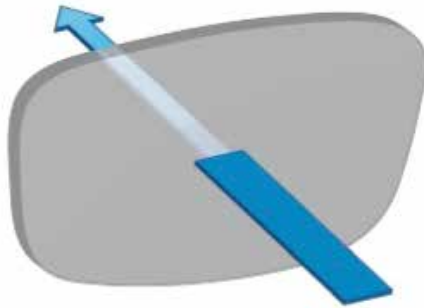


| Premium Digital Progressive | Material | | | Diameter |
|-----------------------------|---|---|---|----------|
| Quartz Office 1.56 | | |  -6,00 to +6,00 | <70/75 |
| Quartz Office 1.60 |  -7,00 to +7,00 |  -7,00 to +7,00 |  -7,00 to +7,00 | <70/75 |
| Quartz Office 1.67 |  -8,00 to +8,00 |  -8,00 to +8,00 |  -8,00 to +8,00 | <70/75 |

Introducing - Blue Shield Technology Lenses



Protection from harmful UV & Blue Light

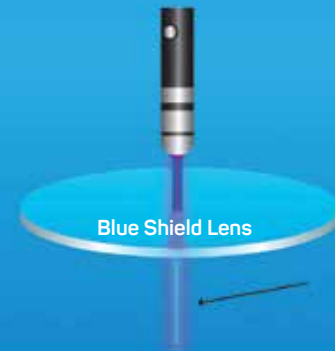


**Blue light filtration with
neutral color-balanced
substrate**

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

| Coatings | Crystalline Dynamic | Crystalline UV | Crystalline | HMC | HC | UC |
|-----------------------------|--|--|--|--|--|----|
| Enhanced Day & Night Vision |  | | | | | |
| High Contrast |  | | | | | |
| UV Protection | |  | | | | |
| Extended Durability |  |  |  | | | |
| Anti Static | |  |  | | | |
| Smudge Resistance |  |  |  | | | |
| Water Repellent |  |  |  | | | |
| Anti Reflection |  |  |  |  | | |
| Scratch Resistance |  |  |  |  |  | |



OPTICALSERVICE

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