

Byron Bay Optical Catalogue





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Single Vision

COMPENSATED LENSES FOR SINGLE VISION QUALITY



RECOMMENDED FOR
Wearers requiring premium single vision, lenses, with maximum optical quality no matter the frame, material, or prescription.

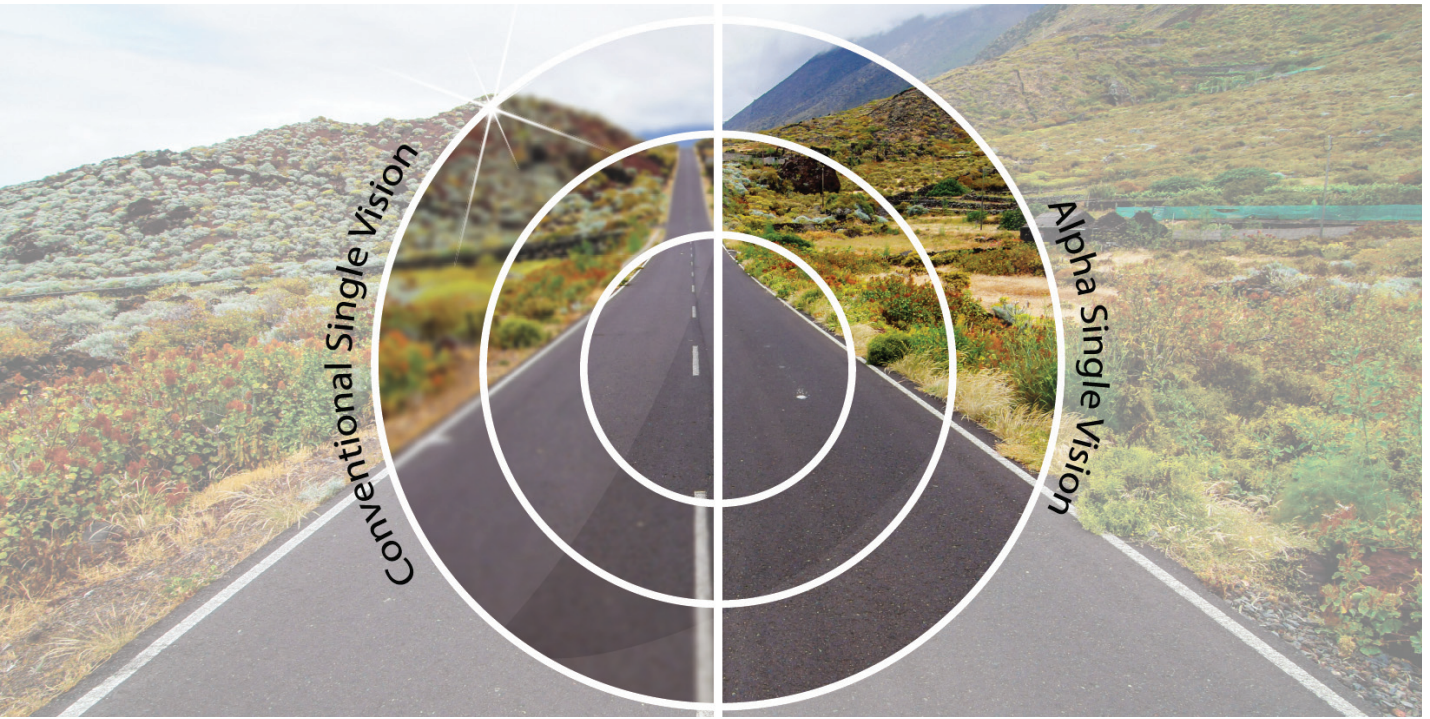
- BENEFITS/FEATURES**
- Single vision lenses are therefore particularly suitable for low to moderate Myopia (short-sightedness), and low Hyperopia (long-sightedness)
 - Spherical single vision lenses have been designed to minimise peripheral blur.

- ORDERING GUIDE**
- Order using distance or near script
 - Distance PD or Near PD

AVAILABLE IN:
Trilogy / Polycarbonate
CR39 / 1.6 / 1.67 / 1.74

Alpha Single Vision

COMPENSATED LENSES FOR SINGLE VISION QUALITY



RECOMMENDED FOR
Wearers requiring premium single vision, compensated lenses, with maximum optical quality no matter the frame, material, base curve or prescription.

- ORDERING GUIDE**
- Order using distance or near script
 - Distance PD or Near PD
 - Fitting height on pupil centre

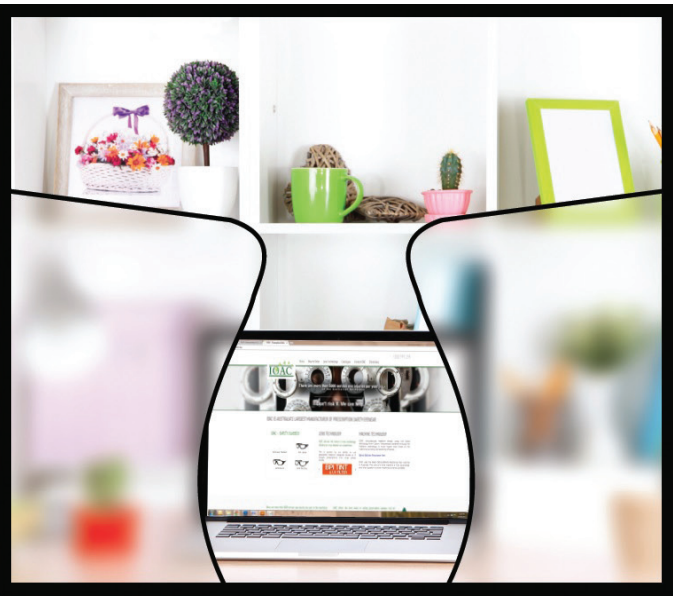
- BENEFITS/FEATURES**
- High precision and high personalisation due to Digital Ray-Path technology.
 - Maximum optical quality for any prescription.
 - Clearer, Sharper vision across the entire lens.
 - Thinner and lighter lenses, suitable for high wrap frames.

Invisible Markings

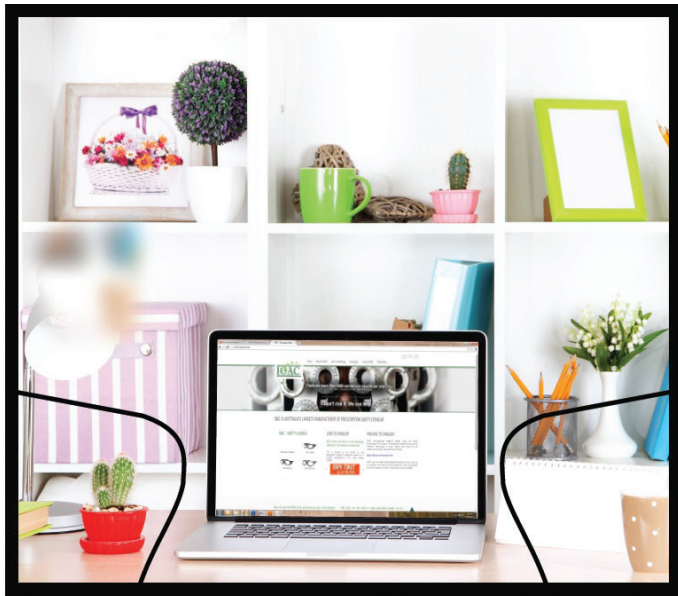
CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
SV		SV		SV		SV	

Pure Office

DESIGNED TO KEEP THE OFFICE IN PERFECT FOCUS



Normal Progressive Lens



Pure Office Lens

RECOMMENDED FOR

Wearers working indoors, who require a flexible solution for reading, computer work & attending meetings etc. Wearers will appreciate the wide corridors, full distance script over pupil height, 75% of distance script at pupil height, & full reading script.

BENEFITS/FEATURES

- Clear vision up to several meters.
- Suitable for small frames.
- No need to put glasses on and off any longer to get around the office.
- Very quick adaptation.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 18mm corridor
- Minimum fitting height 18mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
PO	ADD	PO	ADD	PO	ADD	PO	ADD

Concord Desktop



ENHANCED READING LENS FOR NEAR & INTERMEDIATE VISION



RECOMMENDED FOR

Single vision wearers who require an intensive use of near and intermediate vision for computer work, reading a book, playing instruments, etc. Those reluctant to wear varifocals but requiring intermediate vision.

BENEFITS/FEATURES

- Clear vision from near to intermediate.
- Allows a very comfortable posture for near and intermediate viewing.
- Very quick adaptation.

ORDERING GUIDE

- Order using near script and selecting the optional power degenerations of 1.25 D or 0.75D
- Near PD
- Height 3mm below pupil
- Minimum fitting height 18mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
CD	ADD	CD	ADD	CD	ADD	CD	ADD

Concord

ALL ROUND QUALITY LENS FOR PRESBYOPIC PRESCRIPTIONS



RECOMMENDED FOR

Wearers with a presbyopic script and minimal experience, looking for a quality, all round, soft progressive lens, with the most comfortable progressive distribution over the main vision areas. Suggested for any plus power and plus power with low cylinder.

BENEFITS/FEATURES

- Soft design for easy adaption and immediate visual comfort.
- Smooth transition between the different visual fields.
- Reduced swim effect.
- Non-compensated freeform lens suitable for all frame types.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 15,16 mm corridors
- Minimum fitting height 19mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
CC	ADD	CC	ADD	CC	ADD	CC	ADD

Alpha H Short

COMPENSATED HARD COMPACT DESIGN FOR MYOPIC PRESCRIPTIONS



RECOMMENDED FOR

Demanding wearers looking for a high quality, short corridor, compensated progressive lens, especially designed for myopic scripts, but suitable also for hyperopic scripts. The compact, short corridor is especially suited to smaller frames.

BENEFITS/FEATURES

- High precision and high personalisation due to Digital Ray-Path technology.
- Exceptional full - power close up viewing for smaller frames.
- Superior visual sharpness.
- Unlike ordinary lenses in small frames, get the full power of the Rx for reading.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 11 mm corridors
- Suitable for fitting height 18mm or less

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
AHS	ADD	AHS	ADD	AHS	ADD	AHS	ADD

Alpha H25

COMPENSATED HARD NEAR DESIGN



RECOMMENDED FOR

Experienced wearers looking for a high quality, compensated progressive lens, with an intensive use of near vision. Suitable for low sphere power scripts and plano powers. Myopic patients will appreciate the hard design in all frame types.

BENEFITS/FEATURES

- High precision and high personalisation due to Digital Ray-Path technology.
- Sharp vision.
- User comfort due to enlarged near visual field.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 14, 16 corridors
- Minimum fitting height 19mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
AH25	ADD	AH25	ADD	AH25	ADD	AH25	ADD

Alpha H45

COMPENSATED HARD BALANCED DESIGN



RECOMMENDED FOR

Demanding wearers looking for a high quality, general purpose compensated progressive lens, for everyday activities. Suitable for myopic prescriptions with a cylinder up to -1.50, small pupil distances, short corridors.

BENEFITS/FEATURES

- High precision and high personalisation due to Digital Ray-Path technology.
- Best natural vision in any situation.
- Perfect balance between near and far.
- Patients will appreciate the hard design even in the high wrap frames.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 14, 16 corridors
- Minimum Fitting height 19mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
AH45	ADD	AH45	ADD	AH45	ADD	AH45	ADD

Alpha H65



COMPENSATED HARD DISTANCE DESIGN FOR MYOPIC PRESCRIPTIONS



RECOMMENDED FOR

Experienced wearers looking for a high quality, compensated progressive lens, that have a preference for outdoor activities. Suitable for myopic prescriptions with a cylinder greater than -1.50.

BENEFITS/FEATURES

- High precision and high personalisation due to Digital Ray-Path technology.
- Superior far vision with minimum side distortions.
- Extra wide far visual zone.
- Especially suitable for wraparound frames.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 14, 16 corridors
- Minimum fitting height 19mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
AH65	ADD	AH65	ADD	AH65	ADD	AH65	ADD

Drive

COMPENSATED LENSES FOR FREE DRIVING



RECOMMENDED FOR

For wearers who spend the majority of their time driving, this lens provides enhanced distance vision and minimises head movements during use of hand held digital devices.

BENEFITS/FEATURES

- Wide clear area in far distance.
- Improved visual clarity in the 60cm-85cm viewing range.
- Wide corridor and easy transition between zones for all over viewing comfort.

ORDERING GUIDE

- Order using normal progressive script
- Distance PD
- 20mm corridor
- Minimum fitting height 20mm

Invisible Markings

CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
AHS	ADD	AHS	ADD	AHS	AHS	AHS	ADD

Sport

COMPENSATED LENSES DESIGNED FOR SPORTS



RECOMMENDED FOR

For wearers who require a progressive lens for sporting activities with the best optical quality in distance & intermediate vision. The compensated powers are ideal for all sports frames which typically have a larger size & steep base curves.

BENEFITS/FEATURES

- Ergonomic position of the head and body during sports activity.
- Ensured sharp focus in all of the three focal zones.
- Wide corridor for comfortable intermediate vision.
- Adjusted near vision for a clear view of equipment.

ORDERING GUIDE

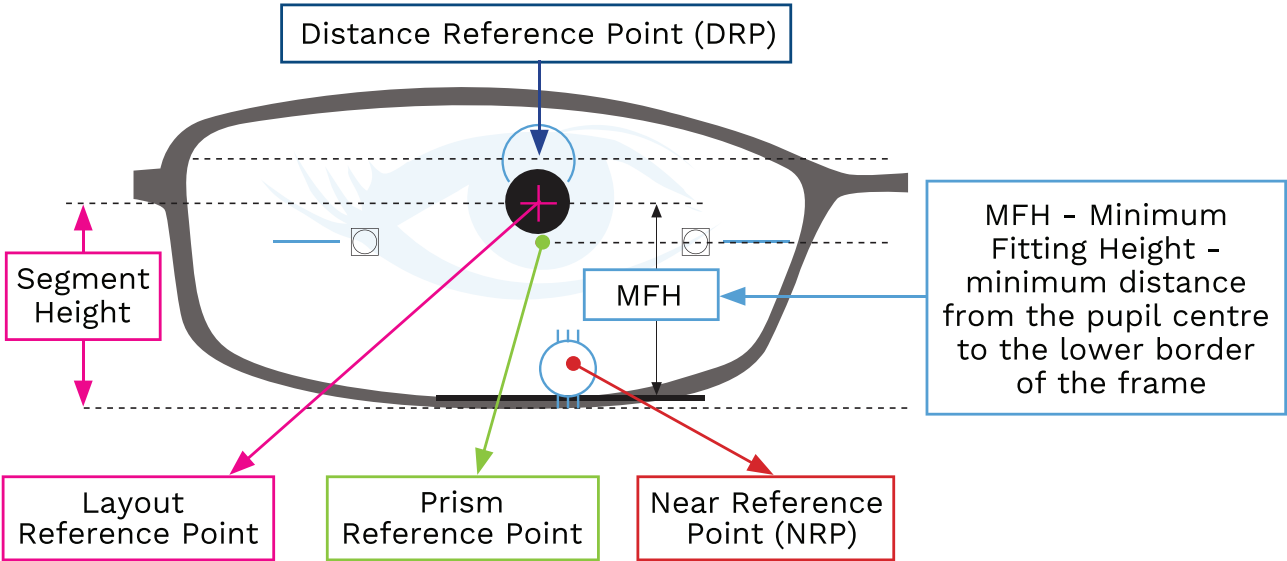
- Order using normal progressive script
- Distance PD
- 23mm corridor
- Minimum fitting height 23mm

Invisible Markings

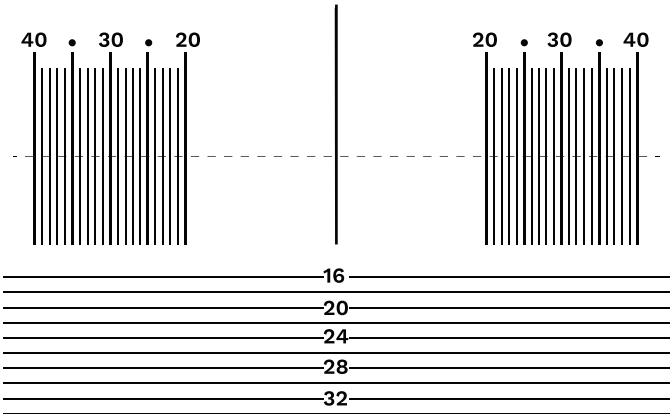
CR39		Trilogy		Polycarbonate		1.60MR8, 1.67MR10, 1.74	
+	+	△	△	○	○	□	□
S	ADD	S	ADD	S	ADD	S	ADD

Fitting Diagrams

Reference Measurements



Pupil Distance and Height Measurements TO SCALE AT A4 PAPER SIZE



Treatments



COLOUR CONTRAST AND COMFORTABLE VISION

SapphirePLUS HYDROPHOBIC Coating

- Long lasting repellence of dirt, grease and water
- Incredibly easy to clean
- Excellent vision and a great look due to ideal anti-reflection
- Perfect UV protection

Sapphire Multi-Coating

- Designed to minimise lens reflections, improve the clarity of your vision and protect the lenses.
- This coating gives you a more relaxed vision, better ocular health, comfort with no distracting glares, and a more natural appearance and better-looking lens.



BlueSELECT BLUE FILTER

83% of spectacle wearers experience some form of eye stress during or after using digital devices. This includes eye strain, eye fatigue, and even sleeplessness.

- BlueSELECT reduces the blue light emitted by digital screens, minimising glare and enhancing contrast.
- Effective blue light protection keeps the eyes in better condition while offering more comfortable and relaxed vision.
- BlueSELECT is highly recommended for people who spend extended periods with digital screens, including students, gamers, young professionals and office workers.
- Available in combination with Sapphire or SapphirePlus, which are durable anti-reflective coatings.

Wrap 3D Edge Technology

SUITABLE FOR MOST OVERSIZED FRAMES WITHOUT COMPROMISE ON FRAME CHOICES

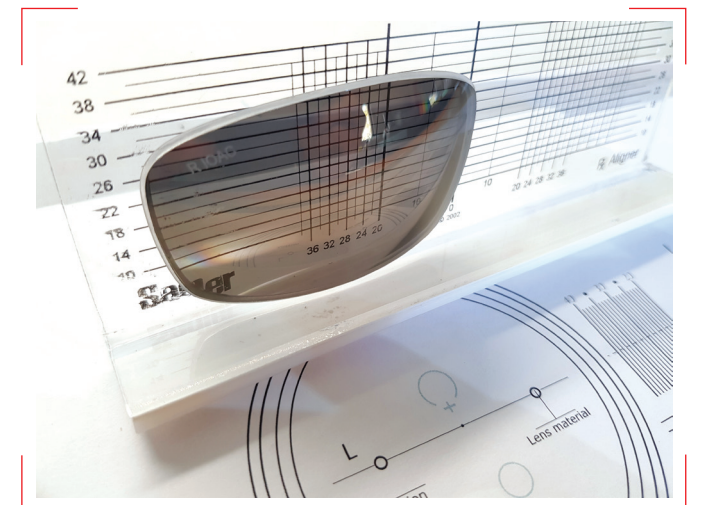


Curved wrap sports and fashion frames place unique demands on eyeglass lenses.

Customized wrap lenses feature back-surface precise digital technology by Coburn.

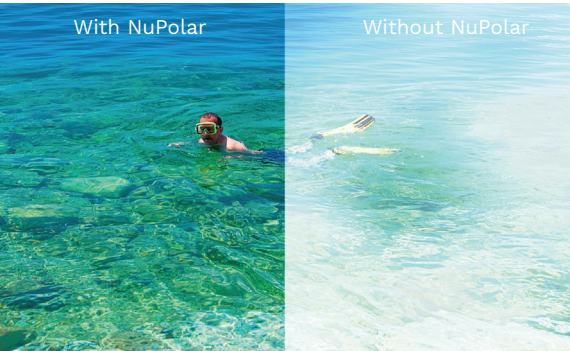
They deliver consistently excellent optics and are available in progressive, single vision and bifocal styles.

- High-performance design optimized for up to 25-degree wrap (9 base).
- Delivers up to 50% larger clear fields of view with maximum peripheral vision.
- Prismatic effects resulting from frame wrap and tilt are virtually eliminated, ensuring comfortable all-day wear, free from eye strain.



- Customized for each patient's full Rx (sphere, cylinder, axis, add, and prism) and frame using proprietary digital free-form vision by Coburn back-surface technology.
- Compatible with thousands of wrap sports and fashion frames.
- Available in a full range of transition, polarized, and self-tinting with UV protection.
- Offering not only excellent vision quality, but also minimised peripheral distortion.

Special Materials



NUPOLAR®

Polarised lenses do what no other lens can - block blinding glare. Marké Optical uses NuPolar lenses which have been proved as the worldwide leader in polarised lenses.

NuPolar Polarised lenses enhance visual acuity, colour contrast and visual comfort, while blocking 100% of harmful UVA (315-380nm) and UVB (280-315nm) light.



NuPolar is the first sunglass lens to receive the Award of Excellence from the Optical Laboratories Association. Combined with Marké Optical freeform lens technology you can be assured of excellent quality.

NuPolar lenses are available in a range of solid colours including Grey, Brown and Green 15. New to the market are also NuPolar gradient lenses available in Grey and Brown. These options can be combined with all of Marké Optical lens designs.

NuPolar Polarised Lenses are a registered trademark of Younger Optics.

Drivewear lenses uniquely combine two of the most advanced technologies found in the optical industry today: Transitions Photochromic Technology and NuPolar polarisation.



Drivewear Transitions SOLFX lenses are the first photochromatic lenses to darken behind the windshield of a car. This technology enhances the drivers vision as the transitions adapt to current driving conditions and the polarisation blocks blinding glare.

DULL/OVERCAST
BEHIND WINDSCREEN



HIGH CONTRAST GREEN/YELLOW

Designed to maximise useful light information reaching the eye. Polarised to remove glare that would otherwise destroy vision in low light conditions

BRIGHT SUNLIGHT
BEHIND WINDSCREEN



COPPER

Designed to remove excess light and to provide good traffic signal recognition; highlighting the reds and greens. Polarised to remove glare for safe driving.

BRIGHT SUNLIGHT
OUTDOORS



DARK REDDISH BROWN

Designed for maximum filtration of excess light so that the eye does not get saturated. Polarised to provide maximum comfort in high light conditions.

Drivewear is a registered trademark of Younger Optics. Transitions and the swirl are registered trademarks and the eclipse design is a trademark of Transitions Optical Inc © 2012

Transitions® VII

Transitions® VII lenses are designed to quickly adapt from clear indoors to fully dark in the brightest sun, offering a distinct advantage over clear lenses. These lenses continuously adapt to changing light so they're always the exact shade you need them to be.

- Clear indoors and at night
- Fast fade back speed
- Block 100% of UV rays
- Available in Grey and Brown



Transitions® XTRActive

Transitions® XTRActive lenses adapt to help protect your eyes from fatigue and strain caused by UV light and bright glare outdoors and even activate behind the windscreen. Indoors they have a comfortable hint of tint to shield your eyes from strain caused by harsh indoor light.

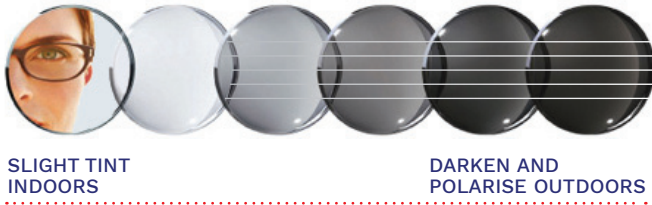
- Activate behind car windscreen
- Comfortable hint of tint indoors
- Darkest lens outdoors, even in hot temperatures
- Block 100% of UV rays
- Available in Grey



Transitions® Vantage

Transitions® Vantage lenses are the first everyday lens with variable polarisation. These lenses are virtually clear indoors and polarised as they darken. Colour contrast are richer and glare is reduced even in the brightest sunlight.

- Only everyday lens with variable polarisation
- Glass and water look more transparent
- Glare is reduced even in the brightest sunlight
- Block 100% of U V rays



Transitions, the swirl and XTRActive are registered trademarks and the eclipse design, Life well lit, Transitions Apative Lenses and Vantage are trademark of Transitions Optical Inc © 2013 Transitions Optical, Inc. All Rights Reserved. Photochromic and polarisation performance are influenced by temperature, UV exposure and lens material.

Special Materials

MR Lenses supplied by Younger Optics

MR™ SERIES - TRADEMARK OF SAFE, CLEAR AND LIGHTWEIGHT LENSES

The MR™ Series, created by Mitsui Chemicals provide optical lenses with a high refractive index, high Abbe numbers, low specific gravity and high impact resistance. The MR™ Series has good mechanical strength and stree free properties making it suitable for various unique lens designs such as rimless frames and high curve lenses. Marké Optical currently uses 1.60 MR-8 and 1.67 MR-10 supplied by Younger Optics.



1.60
MR-8

The best balanced high index lens material with the largest share of R.I. 1.60 lens material market.
MR-8 is suited to any strength ophthalmic lens and is a new standard in ophthalmic lens material.

41

ABBE NUMBER

Optical clarity - providing optical performance similar to glass lenses, for clear vision with minimal chromatic abberations.

1.60

REFRACTIVE INDEX

Thin and light - a high refractive index provides all day comfort and aesthetics through a light and thin lens.

GOOD

IMPACT RESISTANCE

Strong and durable - with an impact resistance rating comparable with polycarbonate, this lens provides enhanced safety and durability.

1.67
MR-10

MR-10 is the global standard R.I 1.67 lens material.
Great material for thinner lenses with strong impact resistance and higher heat distortion temperature.

31

ABBE NUMBER

Optical clarity - the MR-10 lens has been designed to be light and thin with an optical clarity similar to polycarbonate and acrylic 1.60.

1.67

REFRACTIVE INDEX

Thin and light - a high refractive index provides all day comfort and aesthetics through a light and thin lens.

GOOD

IMPACT RESISTANCE

Strong and durable - with an impact resistance rating comparable with polycarbonate, this lens provides enhanced safety and durability.

Production Guide

Laboratory Lenses

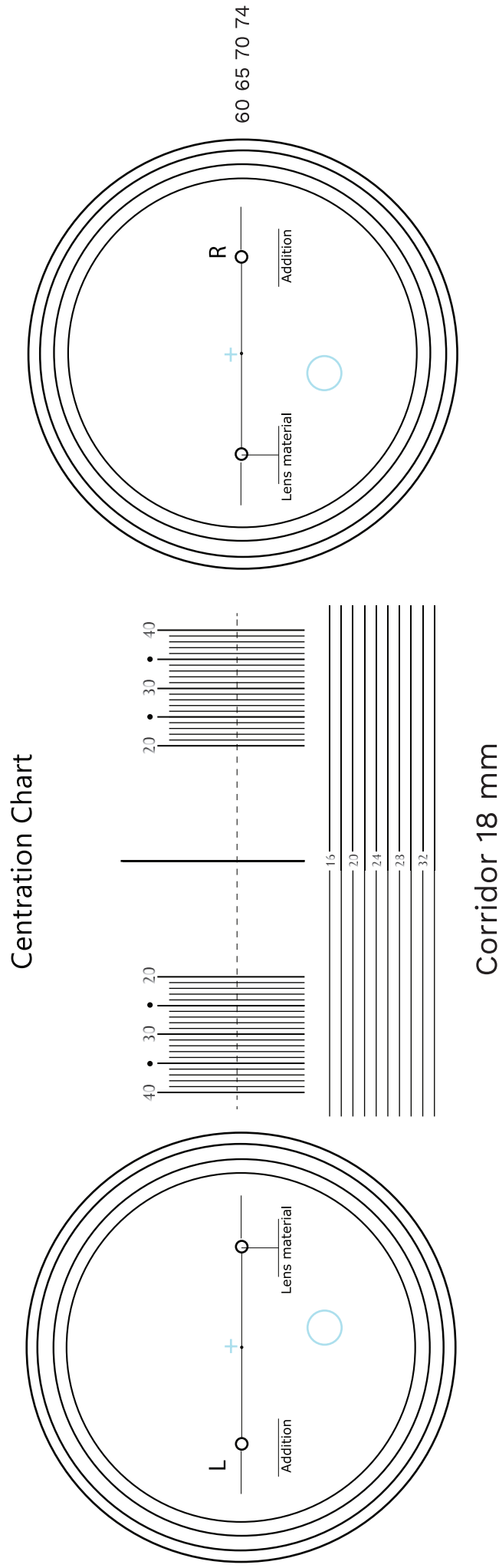
Lens Process	Time Required
Grind	1 - 2 Days
Front and Back Hard Coating	1 Day
Fitting – Metal / Shell Wrap	1 Day
Fitting – Rimless	3 Days
Tinting	1 Additional Day
Multicoating	2 Additional Days



TERMS & CONDITIONS

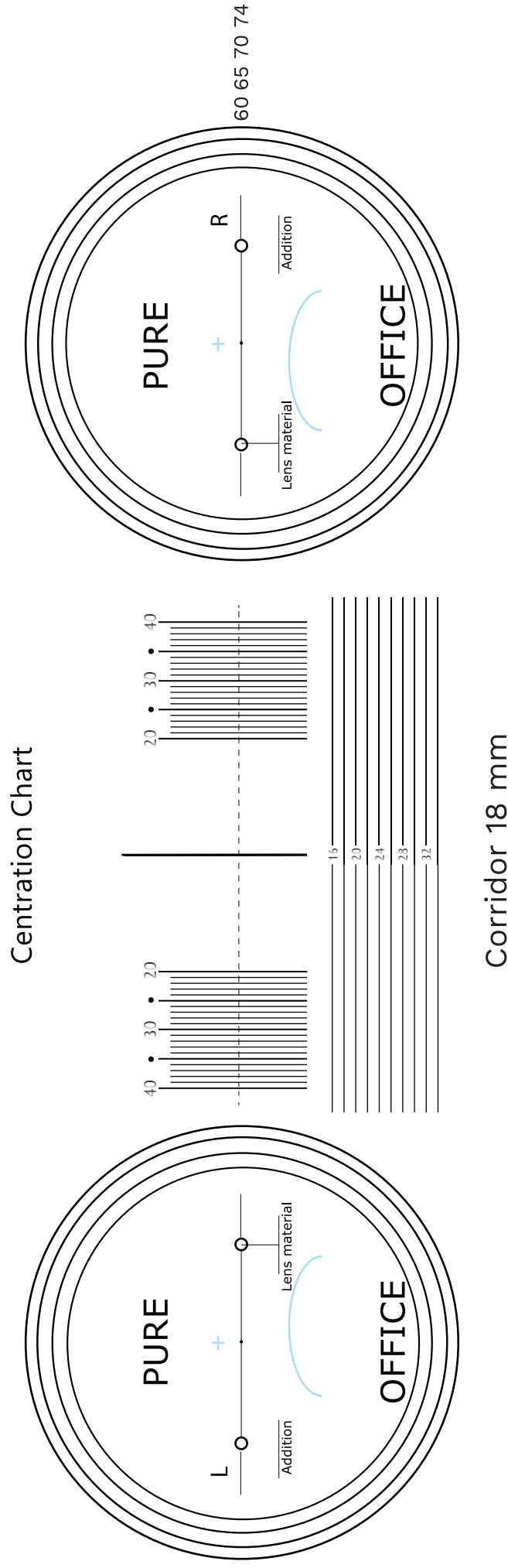
- Orders received before 9:00am AEST are recorded that working day
- Orders received after 9:00am AEST are recorded the next working day
- IOAC Optical will notify you of any delays due to stock shortages or remakes
- This guide does not include delivery times (IOAC Optical uses overnight express couriers)
- This guide does not include weekends or public holidays

Concord Desktop



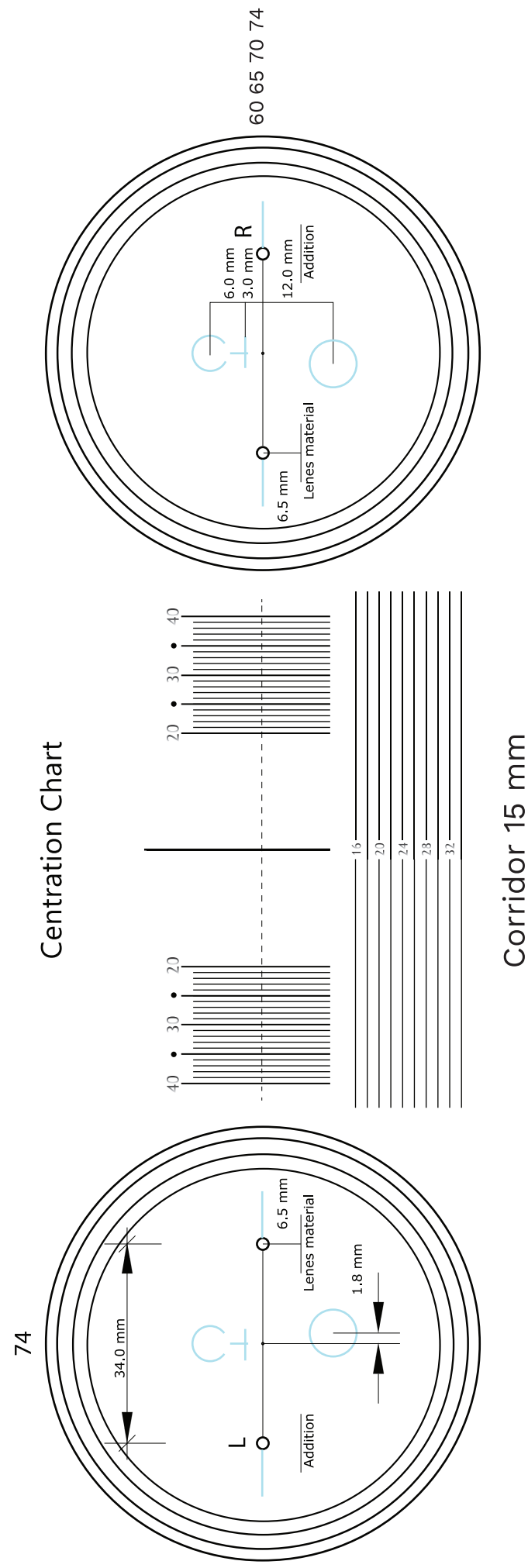
TO SCALE AT A4 PAPER SIZE

Pure Office



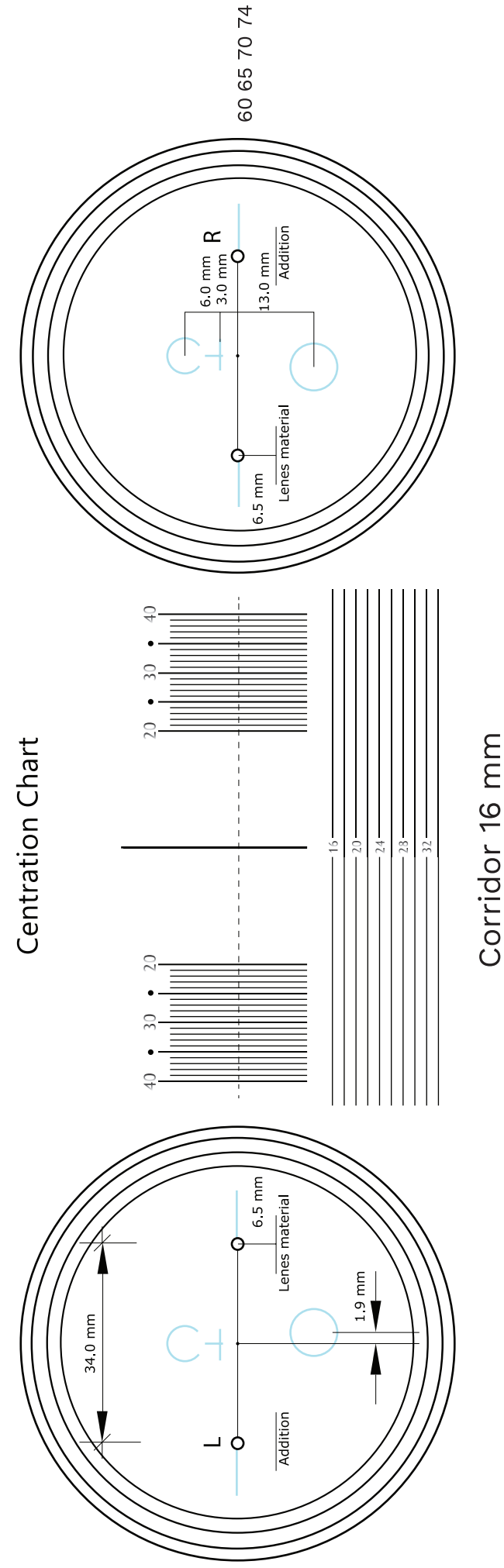
TO SCALE AT A4 PAPER SIZE

Concord 15



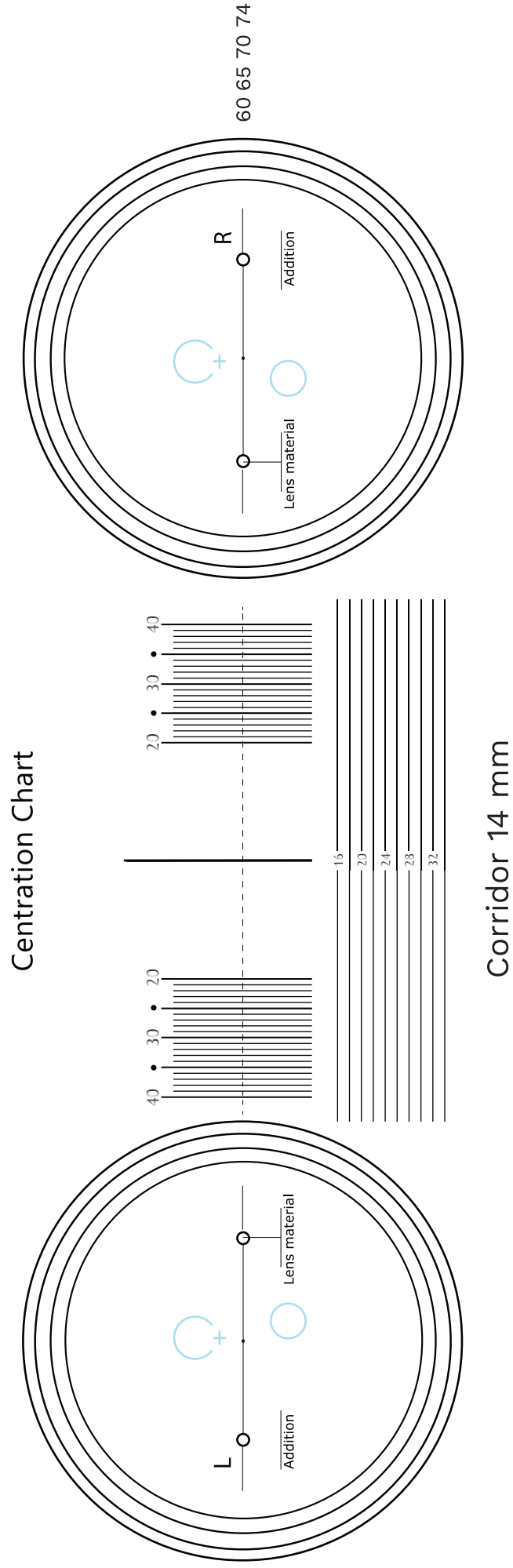
TO SCALE AT A4 PAPER SIZE

Concord 16



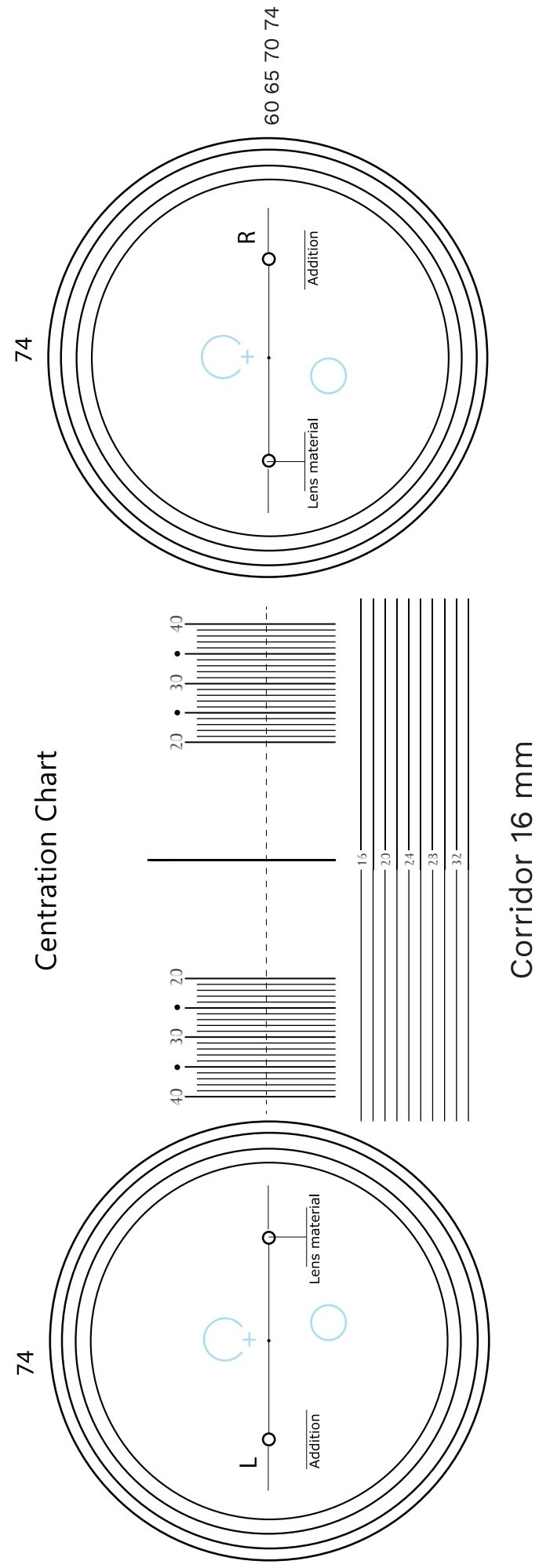
TO SCALE AT A4 PAPER SIZE

Alpha 14



TO SCALE AT A4 PAPER SIZE

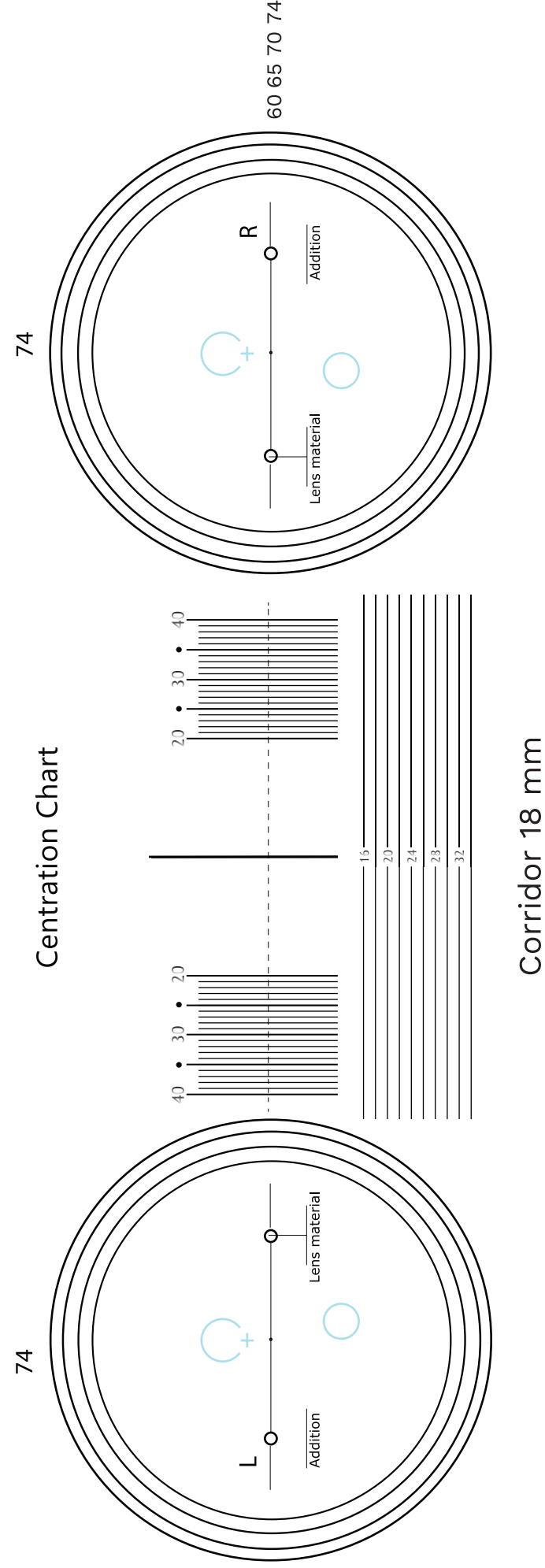
Alpha 16



TO SCALE AT A4 PAPER SIZE

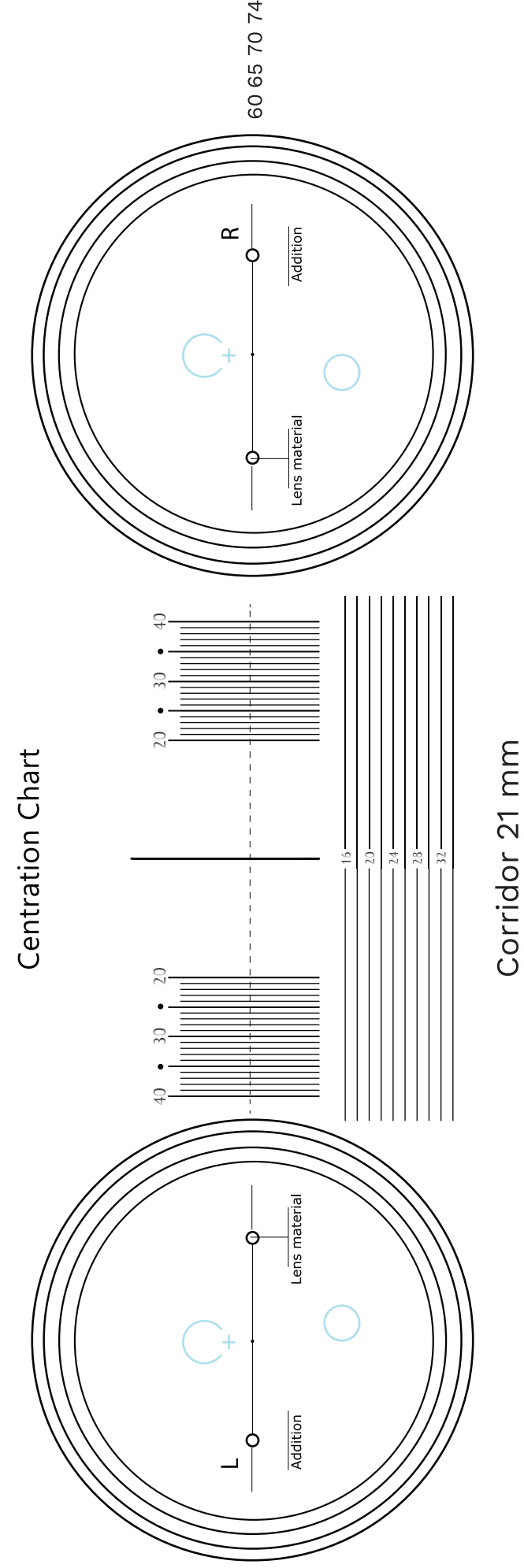


Drive



TO SCALE AT A4 PAPER SIZE

Sport



TO SCALE AT A4 PAPER SIZE



Terms & Conditions

PROGRESSIVE LENS WARRANTY

- This warranty is applicable to all progressive lenses where the patient is unable to adapt.
- The warranty period is for 3 months from the original invoice date.
- All claims must be accompanied by a copy of the original order form and invoice.
- The original lenses will be replaced and a credit note will be issued for the lower priced invoiced lenses.
- This warranty covers multicoat, mirror coats, & tinting. Changes in material are not covered by this warranty.
- The warranty is valid for one claim on the original set of lenses.

MULTICOAT

- 2 year warranty on multicoat lenses, this does not include misuse of spectacles & is determined by our lab.
- All claims must be accompanied by a copy of the original order form & invoice.

TINTING POLICY

- Tinting of customer's own lenses are done at customer's own risk.
- Matching tints to existing tinted lenses is not guaranteed & tints will be matched as close as possible.

CANCELLED JOBS POLICY

- Jobs cancelled prior to grinding will not be invoiced. Once orders are processed by the laboratory cancellation / credit will not apply.

PRICES

- Prices are subject to change without notice.

FAULTY FRAMES POLICY

- Faulty frames detected by the laboratory will need to be replaced under warranty by the frame manufacturer. The faults include dry solder, screws that are unable to be removed, damaged coating prior to laboratory handling etc.
- A frame damaged by IOAC Optical will be credited on supply of a copy of the frame invoice.
- Client's own frames are processed at the client's own risk.

RIMLESS FITTING

- IOAC Optical recommends 1.60 MR-8, Trilogy 1.53 & 1.67 MR-10 for rimless & nylon fit frames.

TRADING TERMS

- All accounts will be settled within 30 days from the date of invoice. This is in accordance with the "General Terms & Conditions of Business".
- Failure to meet these terms will result in suspension of supply & the possible initiation of debt collection procedures.

FREIGHT

- A freight charge will apply to all standard deliveries.
- Goods being delivered or damaged during delivery to IOAC Optical are the sender's responsibility.
- Goods being dispatched from IOAC Optical are the responsibility of IOAC Optical.

STAFF DISCOUNTS

- IOAC Optical offers practice owner's one pair of complementary lenses per year including fitting, & practice staff will receive a 40% discount on one pair of lenses per year including fitting.

Contact Us



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