



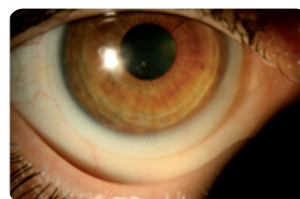
ROSE K2 XL Corneo-scleral Lens

Applications

- **Primary indications:** Keratoconus, Pellucid Marginal Degeneration (PMD), Post Graft, Post LASIK ectasia, any irregular corneal condition that cannot be successfully fitted within the limbus, rigid corneal lens intolerance
- **Secondary indications:** Polluted work conditions, stability for sport or working environment, Piggyback substitute, Dry Eye
- **Daily wear**

Design

- Aspheric back optic zone that decreases as base curve (BC) steepens
- Front surface aberration control
- Precise edge lift control
- Reverse geometry in flatter base curves



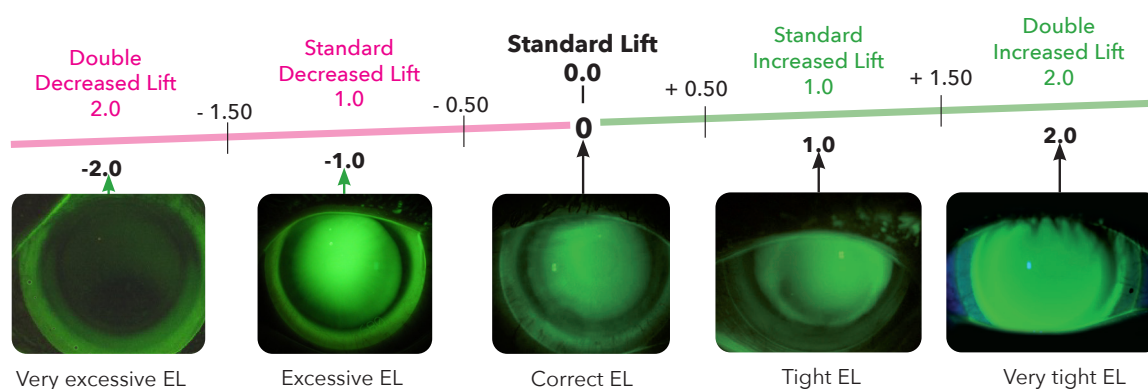
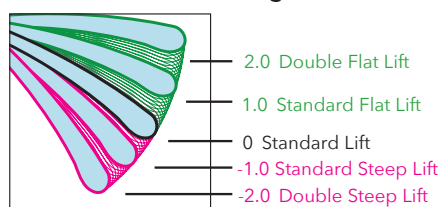
Parameter range

- BC range: 5.50 to 9.60mm
- Diameter range: 13.00 to 16.60mm
- Standard diameter: 14.60mm
- Power range: Varies depending on material
- Edge lifts: 25 options from -6.0 decreased lift to +6.0 increased lift in 0.50 steps
5 standard lifts will optimally fit 90% of cases
Other options are available on request

Diagnostic Set

- 16 lenses
- BC: from 6.00 to 8.00mm
- Standard diameter: 14.60mm
- Edge lift: Standard Lift (0)

The Five Standard Edge Lifts



Fluorescein pictures with standard lift (0) trial lens on eye.
Arrows with the pictures indicate the required lift value to give the correct edge lift pattern.
Note: Edge lifts in 0.5 steps are also available from -6.0 to +6.0



The ROSE K2 Family of Designs

Design

- Simple to use flexible edge lift system
- Aberration control aspheric optics providing outstanding visual acuity, reduced flare and glare and minimum lens mass
- Advanced fitting options including toric peripheral curves, Asymmetric Corneal Technology (ACT), front, back and bi-toric designs, and quadrant specific edge lifts
- Extensive diameter and base curve range
- Unique design that changes as the base curve steepens - fits most corneal shapes, sizes and stages of keratoconus

ROSE K2	ROSE K2 NC	ROSE K2 PG	ROSE K2 IC
Primary Indication: • Oval keratoconus Secondary Indication: • Early nipple cones	Primary Indication: • Nipple cones Secondary Indication: • Advanced oval cones	Primary Indication: • Post Graft corneas Secondary Indication: • Decentered large oval cones • Any post corneal surgery, e.g. LASIK & PRK	Primary Indication: • Pellucid Marginal Degeneration • Keratoglobus • LASIK induced ectasia • Post Graft corneas • Post-Intrastromal rings Secondary Indication: • Highly decentered oval cones

Parameter Range:

ROSE K2	ROSE K2 NC	ROSE K2 PG	ROSE K2 IC
Base curve • 4.20mm to 8.80mm Diameter • 7.50mm to 11.00mm Power • +/-40 D. Edge lift • Standard (0) • Standard flat (+1.0) • Standard steep (-0.5) More lifts are available in 0.1 increments ranging from -1.3 decreased (steep) to +3.0 increased (flat).	Base curve • 4.00mm to 8.10mm Diameter • 7.60mm to 10.00mm Power • -45.0 to +25.0 D Edge lift • Standard (0) • Standard flat (+1.0) • Standard steep (-0.5) • Double flat (+2.0) • Double steep (-1.0) More lifts are available in 0.1 increments ranging from -1.5 decreased (steep) to +4.0 increased (flat).	Base curve • 5.20mm to 11.60mm Diameter • 9.00mm to 12.50mm Power • +/-40 D. Edge lift • Standard (0) • Standard flat (+1.0) • Standard steep (-1.0) • Double flat (+2.0) • Double steep (-2.0) More lifts are available in 0.5 increments ranging from -3.0 decreased to +4.0 increased.	Base curve • 5.20mm to 12.00mm Diameter • 9.40mm to 12.00mm Power • +/-40 D. Edge lift • Standard (0) • Standard flat (+1.0) • Standard steep (-1.0) • Double flat (+2.0) • Double steep (-2.0) More lifts are available in 0.5 increments ranging from -3.0 decreased to +4.0 increased.

Fitting Sets:

ROSE K2	ROSE K2 NC	ROSE K2 PG	ROSE K2 IC
26 lenses from 5.10 to 7.60mm in a variable diameter from 8.50 to 9.20mm, with variable power to approximate the final lens power.	25 lenses from 4.60 to 7.40mm in variable diameter from 8.10 to 8.90mm with variable power to approximate the final lens power.	22 lenses from 6.00 to 9.00mm in a 10.40mm diameter, with variable power to approximate the final lens power.	18 lenses from 6.00 to 8.40mm in an 11.20mm or 11.40mm diameter, with variable power to approximate the final lens power.

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