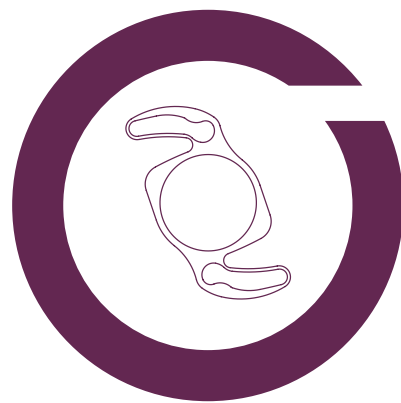


# RayOne® Hydrophobic Aspheric Technical Information



# RayOne® Hydrophobic Aspheric Technical Information

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Model Name:           | RayOne® Hydrophobic Aspheric                                                                                                      |
| Model Number:         | RAO800C                                                                                                                           |
| Power Range:          | -10.0 D to +7.0 D (1.0 D increments, inc. plano)<br>+8.0 D to +30.0 D (0.5 D increments)<br>+31.0 D to +32.0 D (1.0 D increments) |
| Delivery System Type: | Fully preloaded IOL injection system                                                                                              |
| Incision Size:        | Sub 2.2 mm                                                                                                                        |

| Delivery System |                                                  |
|-----------------|--------------------------------------------------|
| Injector Type:  | Single use, fully preloaded IOL injection system |
| Nozzle Size:    | 1.65 mm                                          |
| Bevel Angle:    | 45°                                              |
| Lens Delivery:  | Single handed plunger                            |

| Aspheric Monofocal IOL                          |                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------|
| Material:                                       | Single piece hydrophobic acrylic                                    |
| UV Light Transmission:                          | UV absorption 10% cut-off is 385 nm                                 |
| Refractive Index:                               | 1.51                                                                |
| Overall Diameter:                               | 12.5 mm                                                             |
| Optic Diameter:                                 | 6 mm                                                                |
| Optic Shape:                                    | Biconvex (positive powers), Plano, Concave (negative powers)        |
| Asphericity:                                    | Posterior aspheric surface with aberration-neutral technology       |
| Optic Edge Design:                              | 360° enhanced square edge                                           |
| Haptic Angulation:                              | 0°, uniplanar                                                       |
| Haptic style:                                   | Cornerstone™ lens design with anti-vaulting haptic (AVH) technology |
| Estimated A-constant for optical biometry SRK/T | 118.6                                                               |
| Estimated A-constant for Contact Ultrasound     | 118.0                                                               |

Please note that the constants indicated for all Rayner lenses are estimates and are for guidance purposes only. Surgeons must always expect to personalise their own constants based on initial patient outcomes, with further personalisation as the number of eyes increases.



Say goodbye to compromise  
visit [rayner.com/hydrophobic](https://rayner.com/hydrophobic)

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