

LUXSMART™

PRELOADED TORIC

TORIC PREMIUM HYDROPHOBIC IOL

For your daily range of vision

LUXSMART™ TORIC TECHNICAL SPECIFICATIONS

IOL DETAILS

Material:	Acrylic hydrophobic
Overall diameter:	11.00 mm
Optic diameter:	6.00 mm
Platform design:	Single piece, 4 fixation points and 360° posterior square-edges
Optical design:	Asphericity modulation design with the combination of 4 th and 6 th orders of spherical aberration of opposite signs. Posterior toricity.
Haptics angulation:	0°
Light Filter:	UV and violet filters
Diopter range:	From +6.00 D to +10.00 D (1.00 D steps) From +10.50 D to +30.00 D (0.50 D steps) From +31.00 D to +34.00 D (1.00 D steps)
Cylinder power – IOL Plane:	+0.75 D / +1.00 D / +1.50 D / +2.25 D / +3.00 D / +3.75 D / +4.50 D / +5.25 D / +6.00 D Some availability exceptions for high or low sphere powers. Check in the next page
Refractive index:	1.54 at 35° C
Orientation features:	Top right and bottom left
Water content:	< 0.5 %
SKU:	SMARTTxxx+xxx

DELIVERY SYSTEM

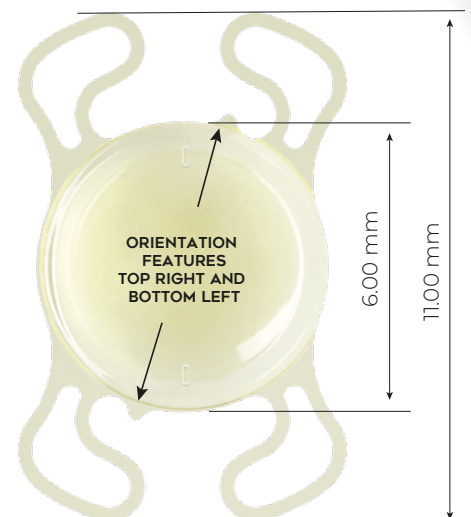
Fully preloaded system with push injection: Accuject™ Pro
Recommended incision size: ≥ 2.2 mm

CONSTANTS*

OPTICAL CONSTANT

SRK/T A constant:	118.5
Hoffer Q pACD:	5.23
Holladay I Surgeon factor:	1.48
Haigis: a ₀ :	1.045 / a ₁ : 0.4 / a ₂ : 0.1
EVO A constant:	118.5
Barret A constant:	118.4 / Lens Factor: 1.57
Hill-RBF A constant:	118.32

*Constants are estimates only. It is recommended that each surgeon develops their own values.



LUXSMART™
PRELOADED TORIC



DIVE DEEP INTO THE LUXSMART™ MOVEMENT

Discover peer and patient testimonials and how LuxSmart™ can help you.

BAUSCH + LOMB
See better. Live better.

Available IOL

+6.00 D to +10.00 D (1.00 D steps)
 +10.50 D to +30.00 D (0.50 D steps)
 +31.00 D to +34.00 D (1.00 D steps)

IOL plane power Sphere power (D)	Cylinder power (D)								
	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+6.00D	0.75 D	1.00 D	1.50 D						
+7.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D			
+8.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+9.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+10.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+10.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+11.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+11.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+12.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+12.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+13.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+13.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+14.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+14.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+15.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+15.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+16.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+16.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+17.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+17.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+18.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+18.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+19.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+19.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+20.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+20.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+21.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+21.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+22.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+22.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+23.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+23.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+24.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+24.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+25.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+25.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+26.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+26.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+27.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+27.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+28.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+28.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+29.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+29.50D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+30.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+31.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+32.00D	0.75 D	1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+33.00D				2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D
+34.00D							4.50 D	5.25 D	6.00 D