
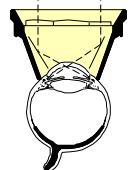


Ocular Ritch Trabeculoplasty Laser Lens

	Product Code	Gonio Mag	Gonio Laser Spot Mag	Contact OD	Lens Height	Static Gonio FOV	<i>Designed with: Robert Ritch, M.D., New York, NY</i> Reference: Review of Ophthalmology Vol. 4, No. 6, p. 97, June 1997	
	ORTA CE	1.4x	.71x	18mm	23mm	80°		

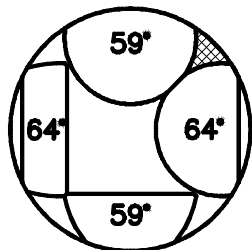
Design

- § The Ritch Trabeculoplasty Laser Lens was designed primarily for anterior chamber photocoagulation and observation procedures.
- § The lens provides four mirrors; two at 59° and two at 64°, plus a central axis view.
- § Positioned over each one of the 59° and 64° mirrors is an anti-reflective coated convex button lens which affords high 1.4x magnification and laser spot size control.
- § The focal distance of the convex button lenses has been calculated to focus strategically on the region of the trabecular meshwork.
- § The lineal height of the lens itself has been shortened so the mirrors are positioned tangent to the anterior lens surface.
- § Adjacent to the mirrors covered by the convex button lenses are two plain mirrors covered with anti-reflective coated glass.
- § The 59° mirror is the optimum mirror for examining and treating the inferior 180° of the angle, while the 64° mirror is best for examining and treating the superior 180° of the angle.
- § While performing laser treatment through the buttons, the spot size is reduced by the effect of the button from 50 microns to 35 microns. The 15 micron spot size reduction increases the laser energy by a factor of two.
- § A combined broad band, anti-reflective coating for both argon and diode lasers is standard.

NOTE

When using lens for photocoagulation, use extreme care to keep the laser beam away from mirror edges. If the beam strikes the black area around the mirror, it can be absorbed and burn the area. Mirrors damaged in this way cannot be repaired.

NOTE



English: 59° mirror is for inferior 180° angle. 64° mirror is for superior 180° angle. Top of 59° mirror is curved. Top of 64° mirror is flat. **Bulgarian:** 59° огледало е за долен ъгъл 180°. 64° огледало е за горен ъгъл 180°. Върхът на 59° огледало е извит. Върхът на 64° огледало е плосък. **Czech:** Zrcátko 59° je pro dolní úhel 180°. Zrcátko 64° je pro horní úhel 180°. Horní část zrcátka 59° je zakřivená. Horní část zrcátka 64° je plochá. **Danish:** 59°-spejlet er til den nedre 180°-vinkel. 64°-spejlet er til den øvre 180°-vinkel. Overfladen på 59°-spejlet er krum. Overfladen på 64°-spejlet er flad. **Dutch:** 59° spiegel is voor inferieure 180° hoek. 64° spiegel is voor superieure 180° hoek. Bovenzijde van 59° spiegel is gebogen. Bovenzijde van 64° spiegel is plat. **French:** Le miroir à 59° est destiné à l'angle inférieur à 180°. Le miroir à 64° est destiné à l'angle supérieur à 180°. La partie supérieure du miroir à 59° est incurvée. La partie supérieure du miroir à 64° est plate. **German:** Der 59° Spiegel ist für den geringeren 180° Winkel bestimmt. Der 64° Spiegel ist für den größeren 180° Winkel bestimmt. Die Oberseite des 59° Spiegels ist gekrümmt. Die Oberseite des 64° Spiegels ist flach. **Greek:** Το κάτοπτρο 59° είναι για γωνία μικρότερη από 180°. Το κάτοπτρο 64° είναι για γωνία μεγαλύτερη από 180°. Το άνω μέρος του κατόπτρου 59° είναι καμπύλο. Το άνω μέρος του κατόπτρου 64° είναι επίπεδο. **Hungarian:** 59° tükör alsó 180° szöghöz. 64° tükör felső 180° szöghöz. Az 59° tükör teteje görbült. A 64° tükör teteje sima. **Italian:** Lo specchio a 59° è per l'angolo inferiore di 180°. Lo specchio a 64° è per l'angolo superiore di 180°. La sommità dello specchio a 59° è ricurva. La sommità dello specchio a 64° è piatta. **Latvian:** 59° spogulis paredzēts apakšējam 180° leņķim. 64° spogulis paredzēts augšējam 180° leņķim. 59° spoguļa virspuse ir liekta. 64° spoguļa virspuse ir plakana. **Lithuanian:** 59° veidrodis žemesniam 180° kampui. 64° veidrodis aukštesniam 180° kampui. Viršutinis 59° veidrodis - išlenktas. Viršutinis 64° veidrodis - plokščias. **Polish:** Zwierciadło 59° jest przeznaczone dla dolnego kąta 180°. Zwierciadło 64° jest przeznaczone dla górnego kąta 180°. Górna część zwierciadła 59° jest zakrzywiona. Górna część zwierciadła 64° jest płaska. **Slovak:** Pre vnútorný uhol 180° je určené zrkadlo 59°. Pre vonkajší uhol 180° je určené zrkadlo 64°. Horné zrkadlo 59° je zakřivené. Horné zrkadlo 64° je rovinné. **Spanish:** el espejo de 59° es para el ángulo de 180° inferior. el espejo de 64° es para el ángulo de 180° superior. La parte superior del espejo de 59° es curva. La parte superior del espejo de 64° es plana. **Swedish:** 59° spegel är för nedre 180° vinkel. 64° spegel är för övre 180° vinkel. Topp på 59° spegel är böjd. Topp på 64° spegel är platt. **Romanian:** Oglinda de 59° este pentru unghiul 180° inferior. Oglinda de 64° este pentru unghiul 180° superior. Vârful oglinzii de 59° este curbat. Vârful oglinzii de 64° este plat. **Portuguese:** O espelho de 59° destina-se ao ângulo de 180° inferior. O espelho de 64° destina-se ao ângulo de 180° superior. A parte superior do espelho de 59° é curva. A parte superior do espelho de 64° é plana.

Cleaning & Disinfection

See Cleaning Method 1



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