

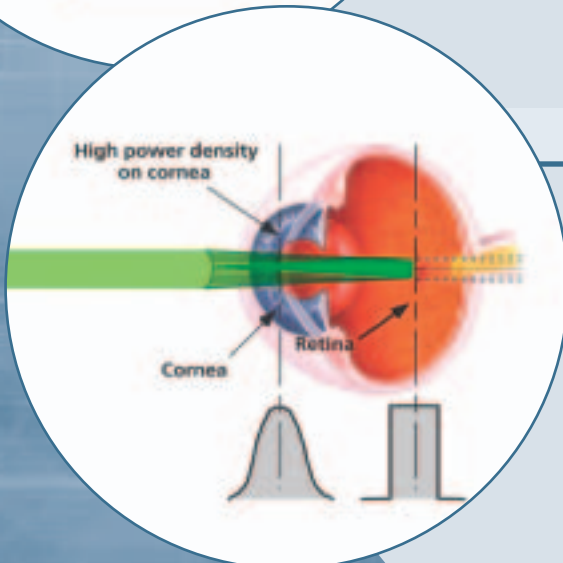
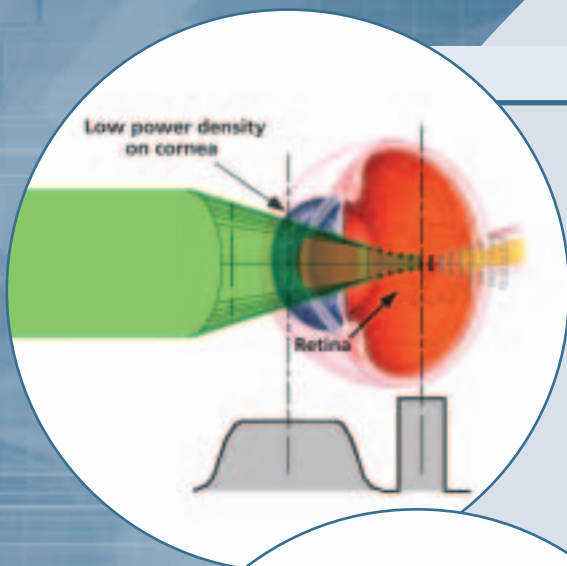
# SureSpot™ Optics

## Technology you can trust

SureSpot optics offer the most technologically advanced means for laser delivery to the retina. The optics combine the best features of standard defocused and parfocal optical systems to provide sharp, evenly distributed power on the retina while maintaining low power density at the cornea and the lens.

SureSpot offers advantages in:

- Safety – very low power density on cornea and lens tissue.
- Precision – Lumenis' patented optics provide a true 50-micron spot.
- Efficacy – well-defined spot with uniform power density on the retina.



### SureSpot Optical System

#### Focused Beam

The laser is always imaged at the slit-lamp focal plane to produce a sharp-edged treatment spot with uniform energy distribution at all spot sizes.

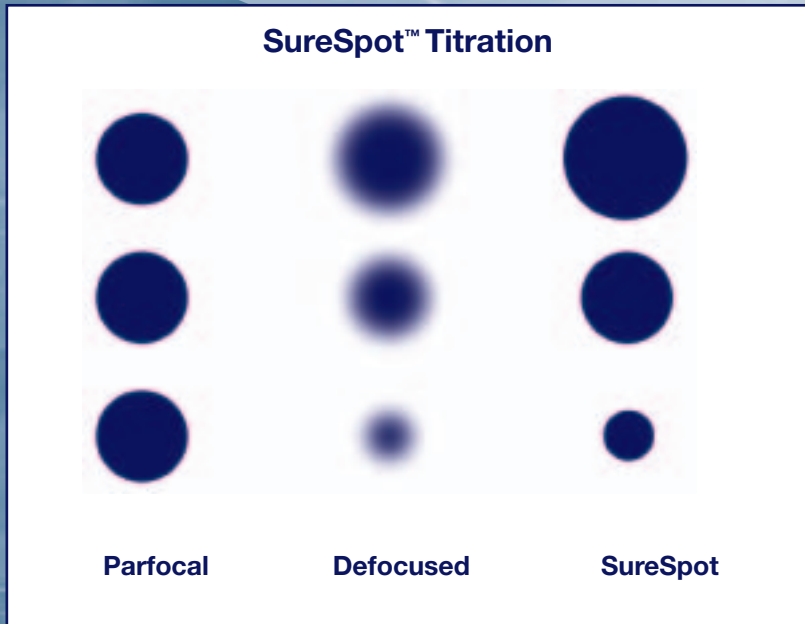
#### Power Density

The convergence angle of the spot remains large so a lower power density is always maintained at the cornea.

### Standard Parfocal Optical System

The convergence angle of the beam changes at larger spot sizes, subjecting the cornea to potentially harmful power density.

# Titration — another benefit from SureSpot™ optics



In order to have subtle changes to beam size and power, physicians can move the slitlamp in and out of focus to alter beam characteristics. This method is called titration. Titration allows additional refinement.

Parfocal optics do not permit titration. SureSpot optics is the best, most technologically advanced beam-delivery option.

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### SureSpot Optics: all of the advantages-none of the limitations

	Parfocal	Defocused	SureSpot
<b>Titration</b>	—	✓	✓
<b>Low Power density on the cornea</b>	—	✓	✓
<b>Sharp spot on Retina</b>	✓	—	✓