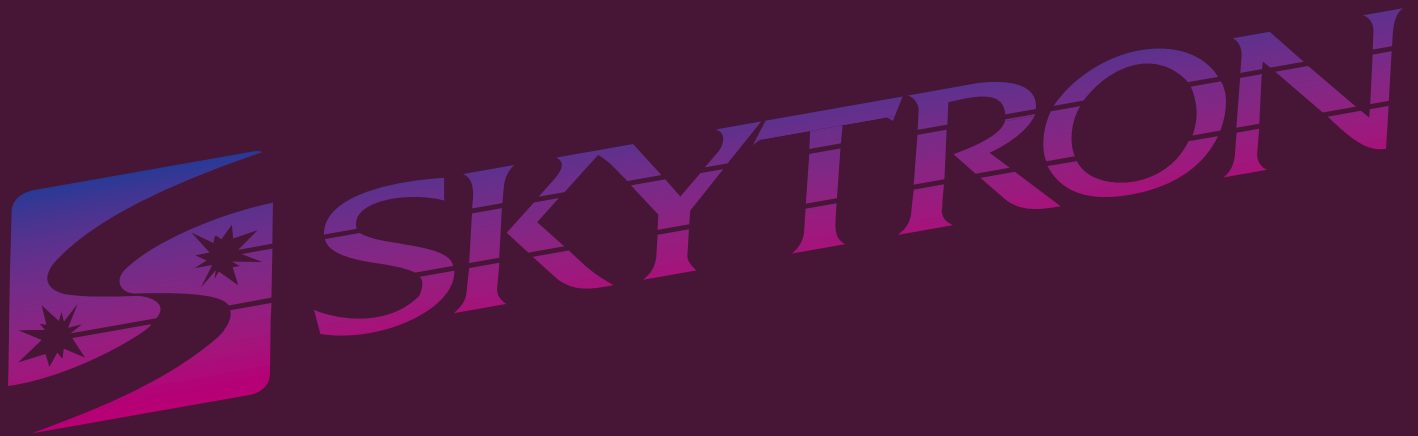


Skytron Stellar Series



Advanced Focusable Lighting



Available with Voice or Touchscreen Control

Skytron Focusable Lighting Leadership since 1972.



Since introducing our first Surgical Light in 1972, Skytron has been the #1 provider of focusable surgical lighting systems. Stellar Surgical Lighting design is truly revolutionary, combining shadow-free, focusable optics together with advanced, 21st Century Polymer Construction. Now also available with Voice or Touchscreen Control.

The end result is an extremely durable, focusable lighting system which provides surgeons with direct focus control, while retaining maximum intensity at any distance. Stellar lighting significantly reduces Surgeon Eye Fatigue, without Glare. After all, next to a surgeon's eyes, what other surgical tool could be more important?

STELLAR Design.

STELLAR Performance.

Advanced Lighting Performance, Surgeon Control, Positioning and Durability.



Stellar's high performance and extremely durable polymer Surgical Lightheads produce high intensity, soft white surgical lighting when and where it is needed most, while providing effortless movement. Sealed lightheads and smooth lines protect against dust accumulation, providing quick and easy cleanings between surgical cases.

Brighter

Stellar Surgical Lights produce a soft white, high intensity column of focusable light to the surgical field, providing surgeons with direct focus and depth of field lighting control, while retaining maximum lighting intensity at any distance. Stellar 23"(60cm) lightheads (ST23) each produce up to 130,000 lux (12,000 fc) per lighthead, while Stellar 29" (74cm) lightheads (ST29) produce up to 160,000 lux (15,000 fc) per lighthead. A sterilizable center focus handle provides surgeons with direct control of pattern adjustment in addition to variable focus control. A non-sterile focus control knob and four non-sterile positioning handles for the circulating nurse are standard.

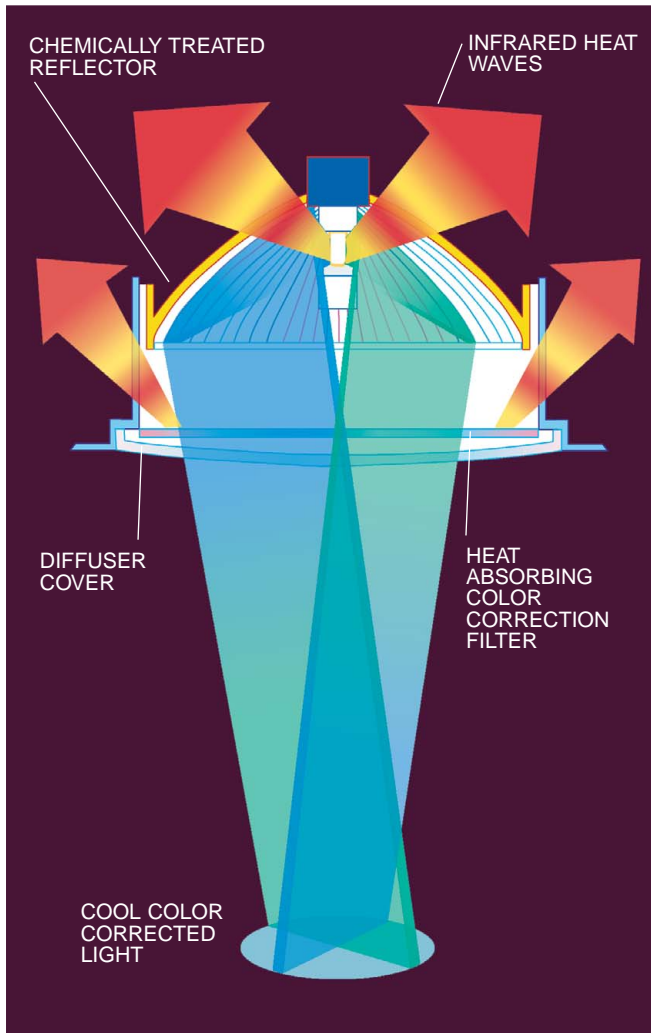
Cool

Stellar's revolutionary coated reflectors and heat conducting alloys reflect Infrared Heat to the rear and out the back of the surgical lighthead, producing only cool, soft white lighting to the surgical field. Color correcting filters and low voltage halogen bulbs further promote the optimum balance between bright surgical lighting and cool illumination where it is needed most.

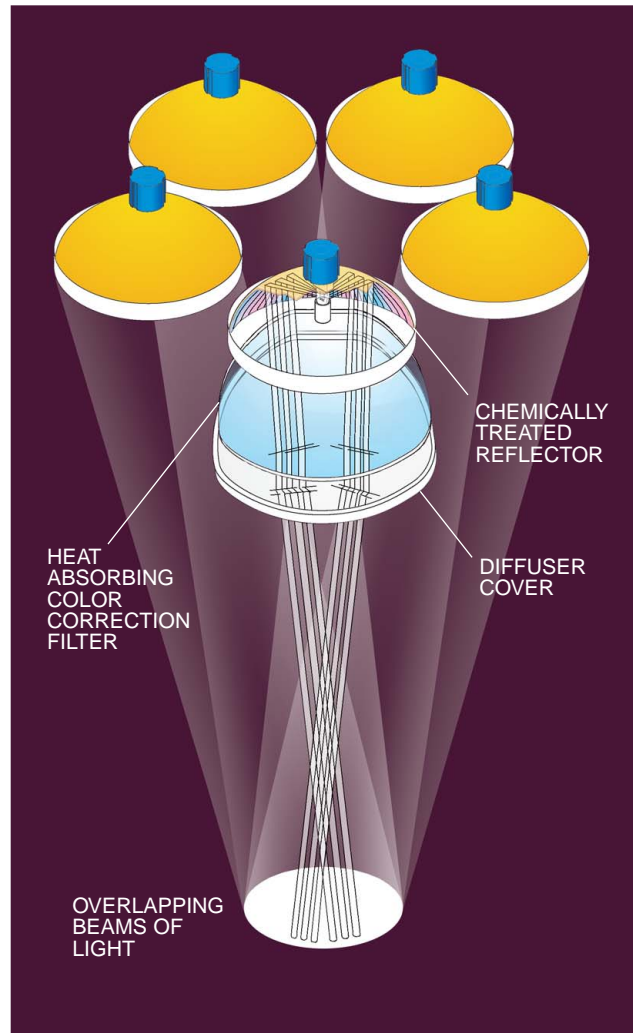
Color Correct Light

Stellar Surgical Lights provide the optimum color temperature of 4,000 K, producing a soft white color temperature which significantly reduces glare and eye fatigue. A color-rendering index (CRI) of 93 provides excellent tissue differentiation.

Stellar's Advanced VSRD *Focusable Optical System.*



176 Slices of light are produced from each individual light source, each combining to form cool, soft white and shadow-free illumination to the surgical site.



Multiple light sources, each equipped with the VSRD Optical System, provide an extended depth of field while retaining maximum intensity.

Stellar's Vertical Segmented Reflector Design (VSRD) Optical System

At the heart of Stellar's high performance focusable optics are multiple light sources. Each separate light source produces over 170 individual and overlapping lighting segments through Stellar's Vertical Segmented Reflector Design (VSRD) Optical System. Once light passes through the VSRD Optical System, a myriad of rich and vibrant lighting segments blend to produce a soft white column of light. The end result is cool, shadow free illumination with precision focus and unparalleled depth of field control.

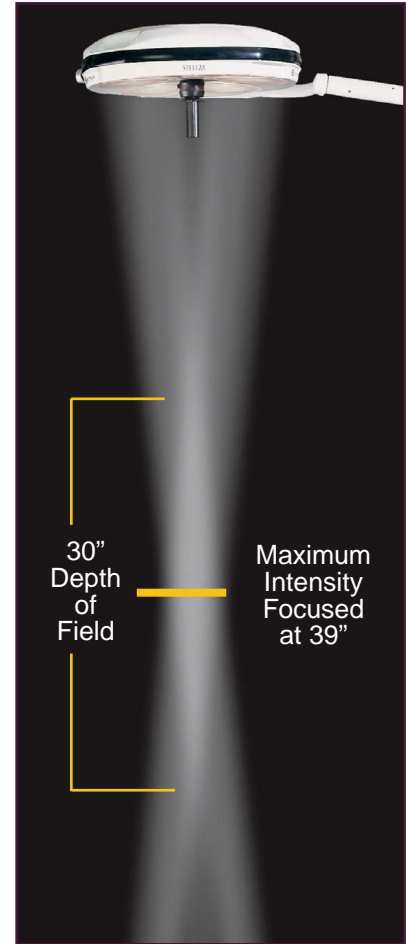
Stellar's *Focusable* Optics Retain Maximum Intensity at Any Distance.



Stellar Lighthead focused at 30".



Stellar Lighthead focused at 60".



Stellar Lighthead focused at 39" (1 meter) with a uniform 30" depth of field.

Extended working distances (beyond 1 meter) are not uncommon for many surgical procedures (Ob-Gyn, Orthopedics, Cardiovascular and Urology). Stellar provides focusable lighting control which produces a uniform 30" depth of field, covering a greater range of working distances (up to 60" and beyond).

Precise and Efficient Lighting Control

Focusable lighting has long been the Skytron benchmark for lighting system design, uniquely providing precise focusable lighting control, while retaining maximum intensity over a greater range of working distances. Stellar's advanced VSRD Optical System is engineered within each light source. Multiple light sources culminate together to produce a shadow-free, high intensity and focusable column of light which provides a uniform 30" depth of field at any distance, delivered where it is needed most - for every situation, every procedure.

Streamlined Maneuverability and Durability.

Featherlight Maneuverability and Durability

- Advanced Polymer Construction
- Extreme durability
- Featherlight maneuverability
- 360° radial arm and surgical lighthouse rotation
- 360° pitch, roll and rotational axis
- 20° upward travel for taller surgeons
- 90° downward travel for low angle lighting

Ongoing Reserve Bulb Protection

- Bulb life is generally 5X competitive systems, protected by Skytron's Sof-Start System
- Multi-light source design protects against surgical interruption during bulb failure



Enhanced Maneuverability Features with Increased Ranges of Movement



Bulb Change is quick and easily made at users' convenience

Wall Controls (Standard or Touchscreen Activated)

- Compact, aesthetically pleasing
- Convenient to operate
- Meets UL and CSA testing standards

Stellar Standard Wall Control (Rheostat Dial)



Stellar Voice or Touchscreen Wall Control (Digital Touchpad)



Lighting Configurations

* Camera systems are available with all lighting configurations.



Model ST23

Single Radial Arm and Surgical Lighthead

Size: 23" (60cm) Lighthead

Intensity: 130,000 lux (12,000 fc)

Applications: Cardiovascular, Ortho, Neuro, Cysto, Ophthalmic, Plastics, Special Procedures, Delivery, Emergency



Model ST29

Single Radial Arm and Surgical Lighthead

Size: 29" (74cm) Lighthead

Intensity: 160,000 lux (15,000 fc)

Applications: Cardiovascular, Ortho, Neuro, Cysto, Ophthalmic, Plastics, Special Procedures, Delivery



Model ST2323

Dual Radial Arms and Surgical Lightheads

Size: 23" (60cm) Lightheads

Intensity: 260,000 lux (24,000 fc)

Applications: Cardiovascular, General, Trauma, Ortho, Neuro, Ophthalmic, Plastics, Outpatient, Urology, Special Procedures, Delivery



Model ST2923

Dual Radial Arms and Surgical Lightheads

Size: 29" (74cm) and 23" (60cm) Lightheads

Intensity: 290,000 lux (27,000 fc)

Applications: Cardiovascular, General, Trauma, Ortho, Neuro, Ophthalmic, Plastics, Outpatient, Urology, Special Procedures, Delivery

Lighting Configurations

* Camera systems are available with all lighting configurations.



Model ST232323

Triple Radial Arms and Surgical Lightheads

Size: 23" (60cm) Lightheads

Intensity: 390,000 lux (36,000 fc)

Applications: Cardiovascular, Ortho, Neuro, General, Trauma



Model ST292323

Triple Radial Arms and Surgical Lightheads

Size: 29" (74cm) and 23" (60cm) Lightheads

Intensity: 420,000 lux (39,000 fc)

Applications: Cardiovascular, Ortho, Neuro, General, Trauma

Warranty/Installation/Maintenance

- Installation supervision and maintenance are provided by Skytron trained service personnel.
- Standard warranty covers parts for two (2) years from date of installation.

In-Service Training

- On-site surgical staff training is provided by Skytron's local representative.
- Instruction covers cleaning, repositioning and operational information.



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Local Representative