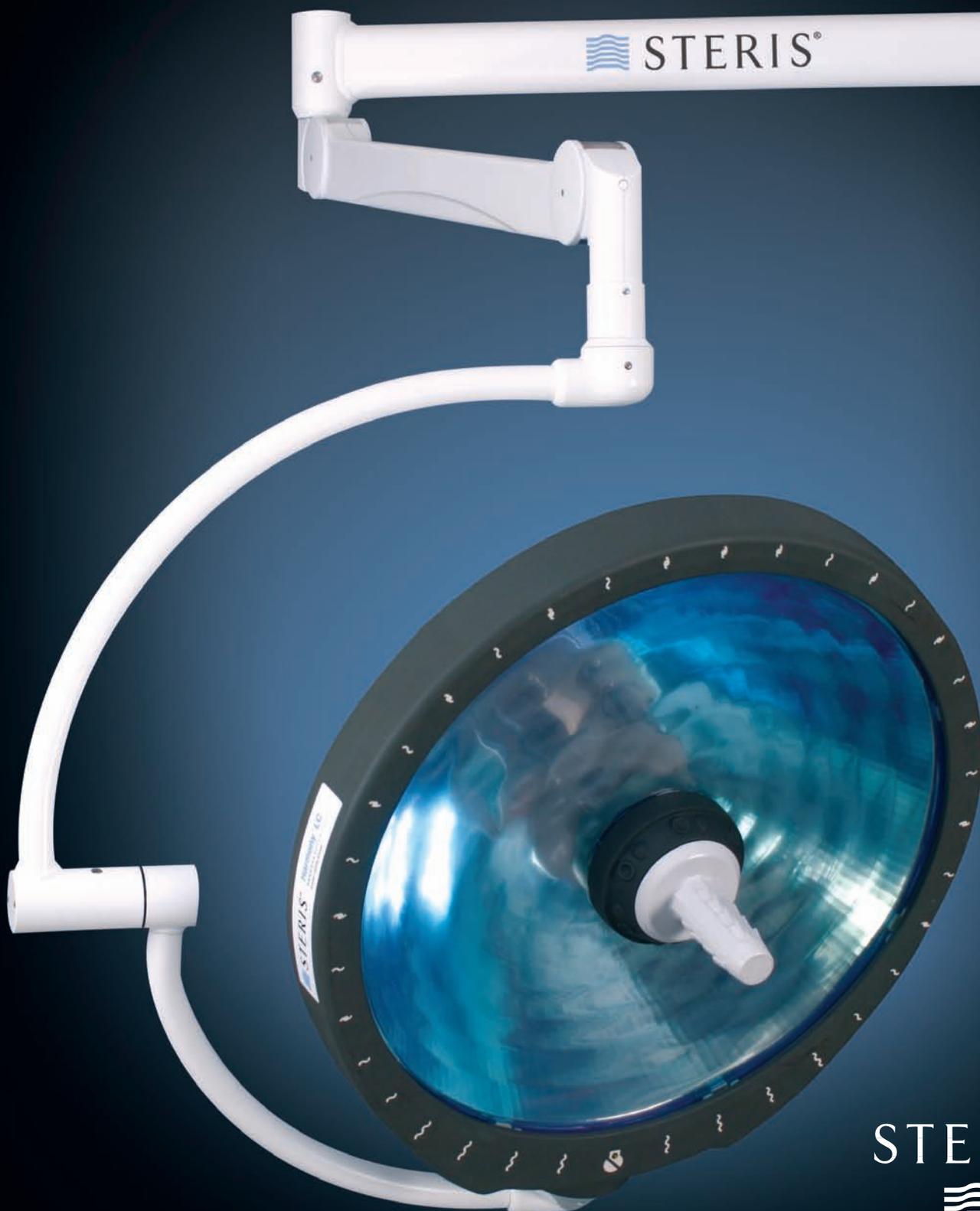


**Premium lighting and  
exceptional value**

The Harmony® LC  
Surgical Lighting System



STERIS®  


### Premium lighting, exceptional value

The Harmony® LC Surgical Lighting System offers extraordinary value by providing advanced optics with patented features in a cost-effective system that can be configured to meet a variety of surgical lighting and video applications.

### Advanced optics for virtually all applications

From endoscopy to open heart to orthopedics, the Harmony LC system gives surgeons and their staff exactly what they need:

- > highest intensity allowable
- > accurate color rendition
- > excellent shadow reduction
- > outstanding deep cavity illumination
- > superior pattern size adjustment

### Maximum intensity in a medium size lighthead

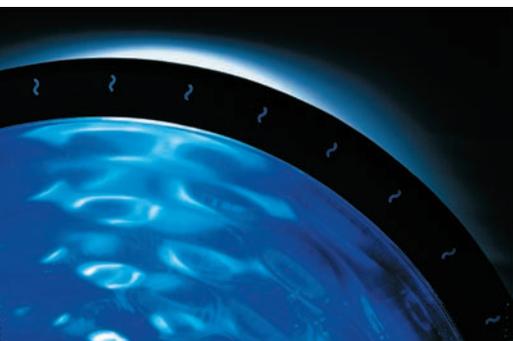
Lighting systems of the past often used very large, hard-to-maneuver lightheads in order to provide the intensity needed for surgery. Because of its innovative lighthead design, the Harmony LC's lighthead is able to direct the same **intense white light** towards the surgical field using fewer lightheads that are smaller and easier to position.

No matter what pattern size is chosen, STERIS's patented WaveLens™ technology assures you have:

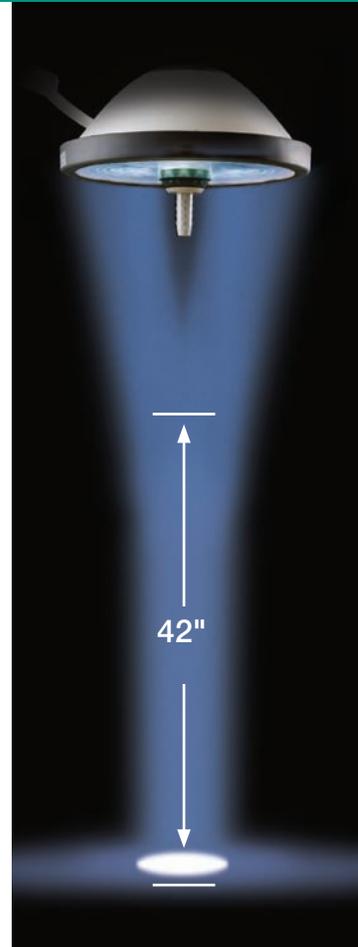
- > no need to refocus or reposition the light
  - no holes in the light pattern
  - no artifacts in the pattern
  - no varying brightness

### Intensity alone is not enough

What good is intensity without accurate color? Harmony lights maintain the **truest color** for quick assessment of tissues and vessels to help surgeons provide the best possible patient outcomes. Our proprietary formulation of optical coatings filters out 98% of heat-carrying infra-red rays, which creates a cooler, more comfortable surgical environment.



*Our patented WaveLens™ technology uses two lenses that move in relation to each other, allowing surgeons to change pattern size without changing focus.*



*Harmony LC lightheads deliver a deep 42" (106 cm) column of light, so refocusing and repositioning the light is unnecessary.*

*The Harmony LC Surgical Lighting System is available in a wide range of configurations to meet your needs.*

## Step out of the shadows

STERIS understands your need for excellent shadow reduction and outstanding deep cavity illumination. We designed the Harmony lighthead with over 2,000 facets for **unmatched shadow control**, and contoured the housing to provide a greater depth of field for all procedure types and all patient sizes.

**Intensity + shadow control + depth of field = excellent deep cavity illumination.**

## White stays white

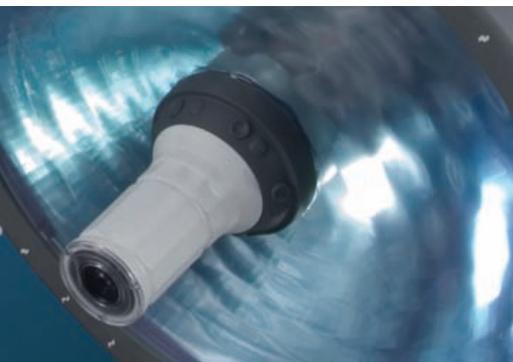
Case after case, year after year, the Harmony lighting system delivers consistent performance. How is this possible? The control panel is continuously monitoring the lamp filament quality. This unique attribute of the Harmony lighting system helps **prevent "yellowing" and helps eliminate the degradation of the quality and intensity of light** over time.

The control panel also automatically smoothes the fluctuating waveforms of incoming A/C power to provide a more even, consistent power source to the bulbs. This is another unique feature of the Harmony lighting system that **increases bulb life** significantly.

## Where you want it, when you want it

Harmony lights have a sturdy suspension system with:

- > a variety of configurations
- > unsurpassed maneuverability for the full range of clinical needs
  - excellent low lateral positioning
  - high "parked" position between cases
- > single cardanic arms available to accommodate low ceiling heights
- > dual cardanic arms allow flexibility in light positioning for standard ceiling heights



*Lighthandle camera (option at the time of purchase) provides crisp signals and is interchangeable with other previously purchased Harmony lighthandle cameras*



*Single cardanic arms (right) available to accommodate low ceiling heights,  
dual cardanic arms (left) allow flexibility in light positioning for standard ceiling heights*

## Controls that work for you

The integrated lighthandle controls allow changes to light intensity (7 different levels), and provide for quick changes to pattern size or light placement.

The easy-to-use Harmony LC control panel provides:

- > light intensity adjustment
- > lighthandle camera adjustment for:
  - zoom
  - rotation
  - focus
  - brightness
- > an optional Automation Control Technologies (ACT) interface to link to your digital OR integration system

## Safety first

**Patient and staff safety are paramount** in the design of the Harmony LC system. If a bulb burns out during a case, immediate back-up bulb activation means you always have the light you need and you never have to compromise patient safety. The immediate response of our light to dim or brighten at the touch of a button allows you to respond instantly to urgent surgical needs.

## More than just lights...

Today's surgical lighting needs go beyond great optics and suspension systems. They require a system that can integrate lighthandle cameras and flat panel monitors and **accommodate future technologies**. Our empty flat panel monitor arms have a removable panel to address most cabling needs. This means that you have the freedom to choose any endoscopy camera vendor and you are not locked into one video provider without the flexibility to change or upgrade in the future.



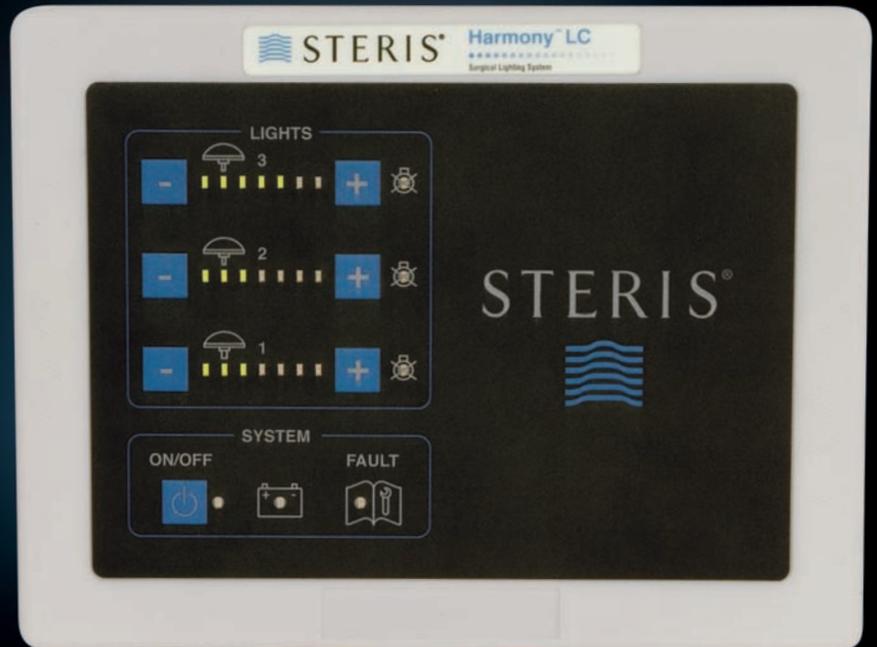
*The convex/concave control buttons on the Harmony LC lighthandle are designed for easy tactile recognition so surgeon and staff can remain focused on the patient.*



*Removable panel on flat panel monitor arms addresses most cabling needs.*

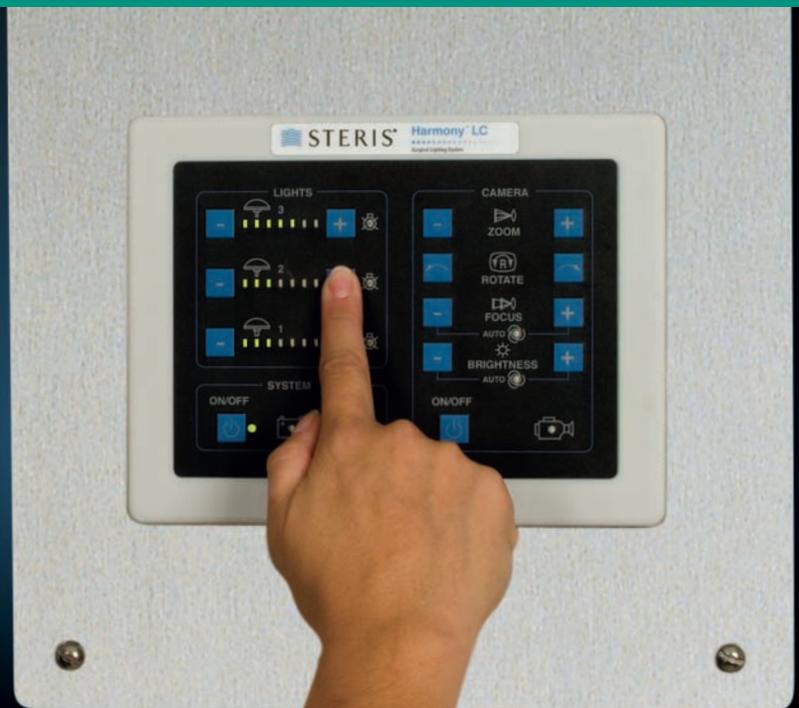


*The blue color of the sterile lighthandle cover alerts cleaning staff to remove it between procedures.*



*Above right: Easy-to-use control panel for Harmony LC lights.*

*Right: Control panel for lighting system with a lighthandle camera, shown with trim plate that facilitates retrofitting into most existing surgical light installations.*



## The total STERIS solution

Offering premium optics, excellent configurability and great ease of use, the Harmony LC Surgical Lighting System is another outstanding value from STERIS Corporation!

## Harmony LC Lighthouse Specifications

Intensity (LUX)	160,000 LUX
Intensity (foot candles)	14,900 f.c.
Pattern size range	6"-11" (15-28 cm)
Depth of field (small pattern)	42" (107 cm)
Lighthouse diameter (O.D.)	23" (58 cm)
Color temperature	4400K
CRI (Color Rendering Index)	94

## Harmony LC Configuration Capability

First, choose the number of lighthoods you want from the column at the left, then choose from the monitor options on the right.

# of lighthoods	0 flat panels	Single flat panels		Dual flat panels		CRT monitor
		1	2	1	2	
0		x	x	x	x	x
1	x	x	x	x	x	x
2	x	x	x	x	x	
3	x	x		x		

For example, if you choose two lighthoods, you can choose one single flat panel (or two), one dual flat panel (or two). Or, you can choose to have two lighthoods and no flat panel monitors. If you choose three lighthoods, you can choose either one single flat panel monitor or one dual flat panel (or no flat panel monitors at all).

**For more information or a demonstration, please call your STERIS Account Manager or call customer service at 800.548.4873 (option 4).**



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## Visualization System Accessories



Flatpanel Monitor



Lighthandle Camera



Headlight Camera



3rd Arm Camera



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