HARMONYAIR™ A-SERIES

Surgical Lighting System



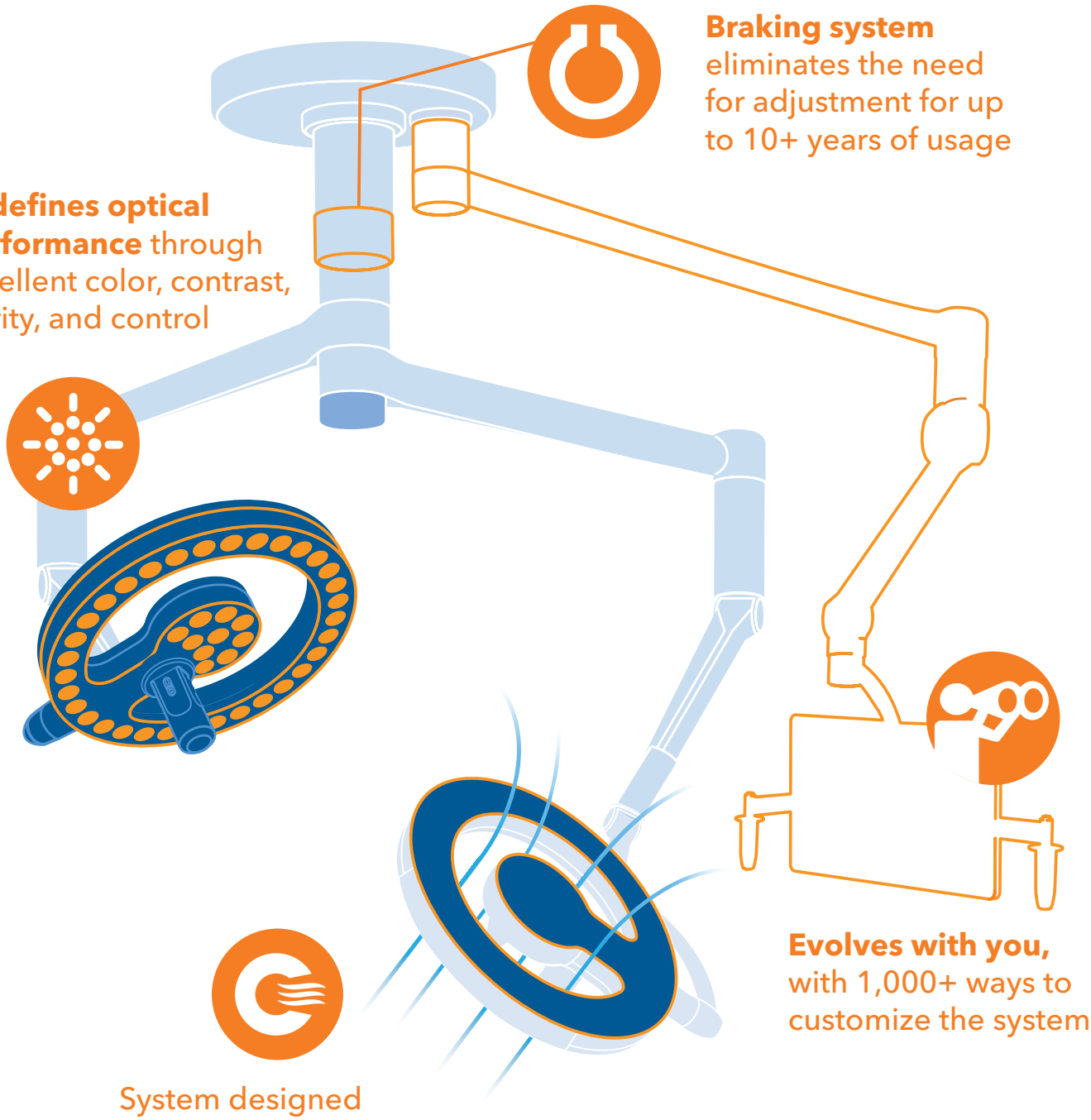
STERIS

SIMPLY INGENIOUS

The new HarmonyAIR A-Series Surgical Lighting System provides meaningful, clinician-inspired advances to keep up with life in today's OR.

Braking system eliminates the need for adjustment for up to 10+ years of usage

Redefines optical performance through excellent color, contrast, clarity, and control



Evolves with you, with 1,000+ ways to customize the system

System designed for **optimal airflow**

Redefine optical performance

What if you had illumination in the OR that simply supported you throughout each surgical procedure? The A-Series does this, delivering excellent color, contrast, clarity, and control.

A unique peninsula design provides optimal illumination at the surgical site, including deep cavity procedures. Advances in LED technology mean that the A-Series is able to optimize illumination through fewer LEDs than in the past.



Auto-intensity

Automatically maintain constant light intensity even when the light is adjusted or moved during a procedure.

Adaptive Lighting

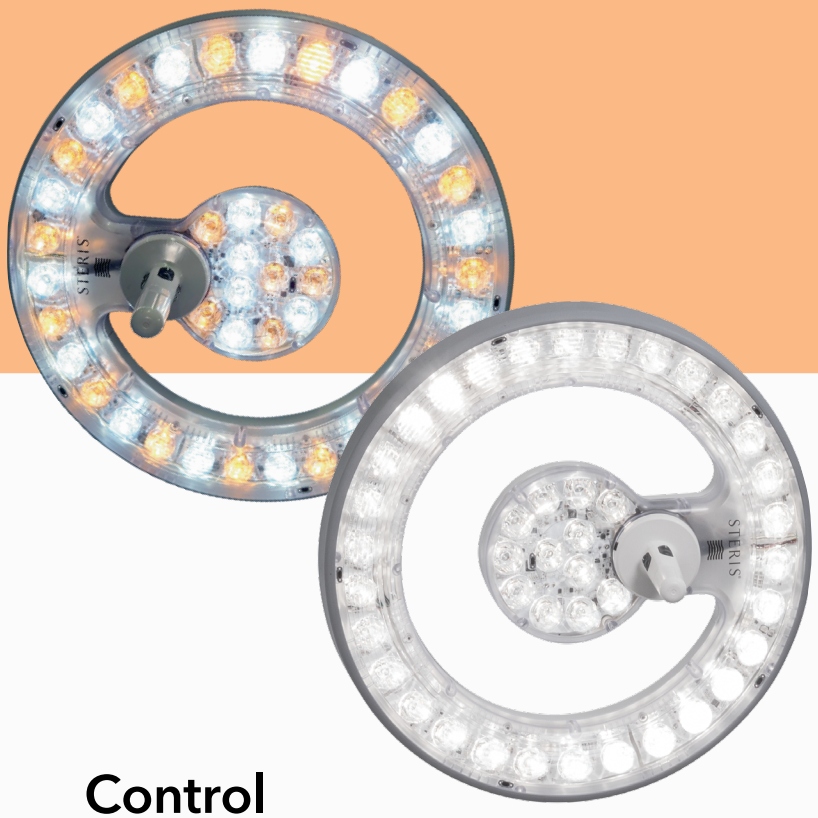
Sensors automatically detect obstructions and boost LEDs to compensate, resulting in more available illumination at the surgical site and a more comfortable experience for the surgical team.

LED Lighthead Technology Delivers

vivid tissue color, clarity and contrast, a suspension that delivers unparalleled control, and a new 4K camera for sharp image capture. This is the total package for the finest illumination today and designed for the OR of tomorrow.

Color Choice

- **Pure white or variable color lighting provides choice when illuminating the surgical site**
- Accurate anatomical interpretation
- Natural color rendition



Clarity

- **Shadows virtually eliminated**
- Uniform beam & larger depth of field to minimize optical fatigue
- Brighter spot & dynamic pattern size

Contrast

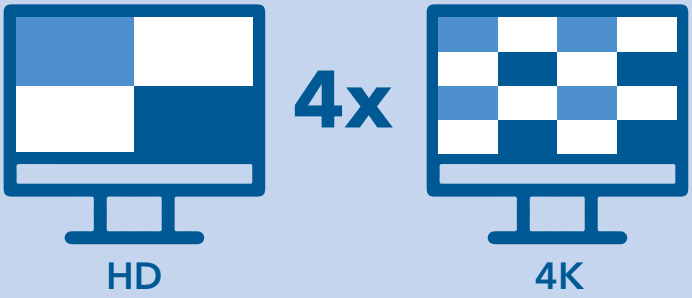
- **Discern between a spectrum of deep, saturated reds**
- Superior tonal definition
- Delivery of visible contrast and precise definition

Control

- **Easy to maneuver ... Stops. Stays. Securely in position**
- 5+ years without adjustment
- Control of the surgical light completely reimagined

Camera

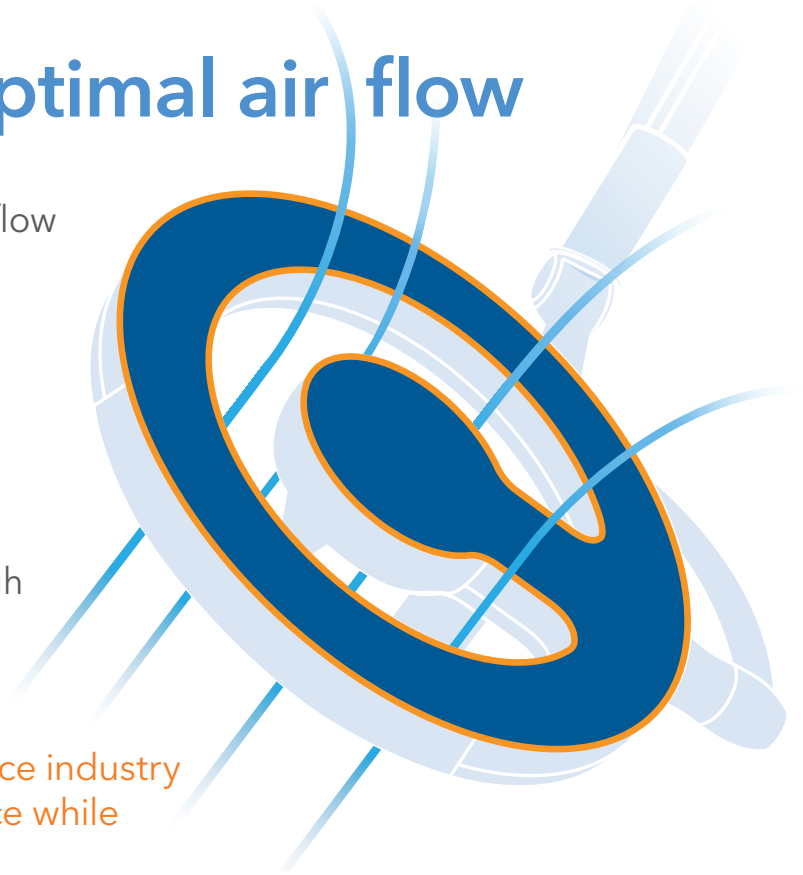
- **4K and HD in-light cameras available**
- Share what you see with others using high resolution image and video capture capabilities



Designed for optimal air flow

How can you deliver more uninterrupted airflow to your patient during a surgical procedure? The A-Series allows unobstructed flow of clean air through the lighthead to dissipate accumulated heat and surgical smoke.

Working seamlessly with laminar airflow solutions such as CLEANSUITE® by STERIS, the A-Series decreases air turbulence through its unique airfoil design.



Aerospace-based design

We've learned from the best in the aerospace industry for a design that mitigates airflow turbulence while delivering clean air to the patient.

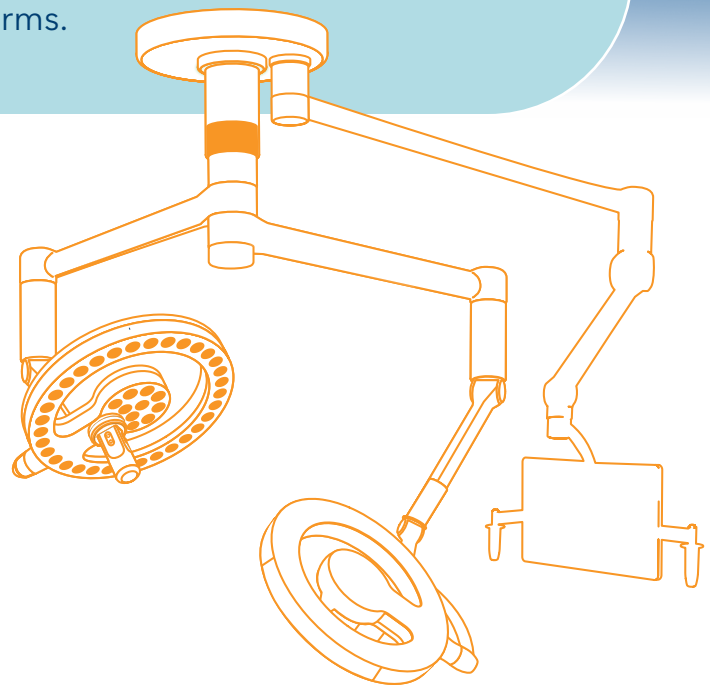




Lightweight aluminum construction

weighs approximately 30% less

than previous generations of steel arms.



A suspension you will love to forget

What if you didn't have to think about the suspension of the lighting system for years at a time? Now it's possible. The A-Series is supported by a suspension system that features simple system maneuverability and effortless gliding through a lightweight aluminum design.

The suspension system is designed with carefully chosen materials to withstand the rigors of everyday usage and today's harsh cleaning chemistries. A patented continuous braking system eliminates the need for adjustment for 10+ years of usage.

FUTURE-READY TO EVOLVE WITH YOU

What if you had a lighting system that was **modular, upgradeable, and expandable** so that it could **meet your ongoing needs** with ease? You've found it. There are over **1,000 ways to customize** this system today and in the future.

All of us here at STERIS are committed to you through our 100+ years of experience, 800+ service technicians in the USA, and an extensive line of products.



UNPARALLELED VISUALIZATION OF THE SURGICAL SITE IN 4K OR FULL HD WITH TWO IN-LIGHT CAMERA OPTIONS

You focus on patients. We focus on you.
STERIS surgical solutions bring together people and technology so that you have exactly what you need, when you need it, for the intelligent OR of today and tomorrow. From project design to implementation to service support, your success is our highest priority.

100+ YEARS EXPERIENCE



Technical information		Typical performance	
		Small pattern	**Large pattern**
Maximum central illuminance	AI off*	(6.3″) 160 klx	(10″) 80 klx | (11.8″) 45 klx
	AI on*	(6.3″) 160 klx	(10″) 144 klx | (11.8″) 90 klx
Peak total irradiance	AI off*	580 W/m^2	165 W/m^2
	AI on*	580 W/m^2	330 W/m^2
Depth of illumination (to 60%)		> 67 cm	> 80 cm
Pattern size (d10)		16 cm	30 cm
d50 (percentage of d10)		58%	65%
Color Temperature (Fixed)		Fixed Version: 4400K	
Color Temperature (Variable)		Adjustable Version: 3500K, 3900K, 4400K or 5100K	
General color rendering index (CRI)		Up to 97	
Deep saturated red color rendering index (R9)		Up to 98	
LED life		60,000 hours	

*AI refers to the auto-intensity feature, which can be turned off or on.

Feature	Information
Braking system	Patented brake ring
Braking performance	Up to 5+ years without adjustment
Expandable system	Up to two auxiliary arms
Auxiliary arm options	Lighthead (camera ready or non-camera ready), ConnectPoint®, all-power ConnectPoint®, single monitor, dual monitor, radiation shield, FREE5® camera system
Laminar airflow design	Lighthead and suspension system
Ingress protection rating	Dust and fluid ingress protection rating of IP42
Lighthead accent light ring	Included
Ceiling-based ambient light	Optional
Available In-Light Cameras	4K and HD

HarmonyAIR™
Surgical Lights

For more information, contact your STERIS representative.

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