Surgical Solutions

Brightness. Clarity. Efficiency.

HarmonyAIR G-Series Surgical Lighting System

One Integrated Approach to Healthcare

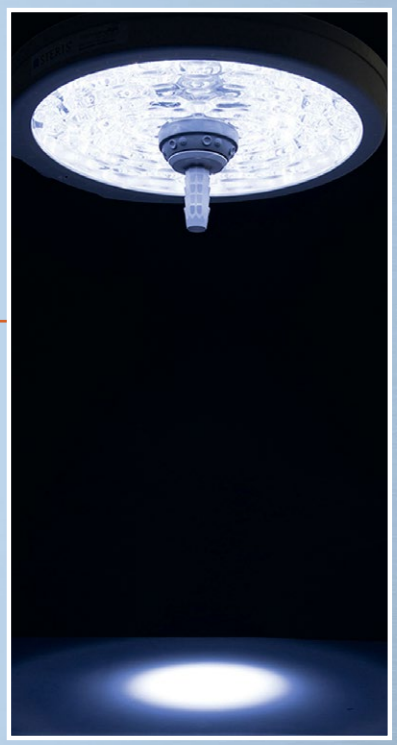
STERIS

PURE, WHITE BRILLIANCE

Experience the clear difference in coolness, comfort and natural color rendition inherent in pure, white LED light. The **G-Series Surgical Lighting System** delivers it to you affordably without compromising quality.

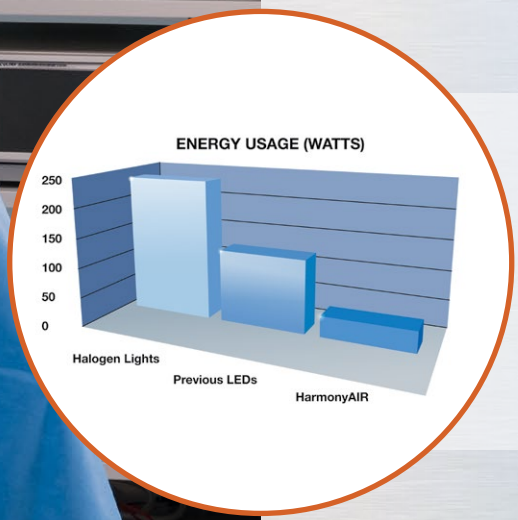
Why **White Light** is Ideal in a Surgical Environment

The G-Series uses a single-color, phosphor-coated LED chip for crisp, white light, without the color-fringing or color-shifting effects of multiple-color LEDs. Natural color rendition allows surgeons to accurately and consistently assess and interpret tissue and vessel appearance, helping provide the best possible patient outcomes.



Bright, Wide Illumination of the Surgical Spot

The G-Series delivers up to 160,000 lux over a greater portion of the spot or pattern size, making the spot visibly brighter. This more uniform beam and larger depth of field means no hot or cold spots, and less visual distraction or eye fatigue.



Cool Under Pressure

The new LED array consumes less than one-third of the energy of previous LED technology, providing a more comfortable OR experience for the surgical staff. Less heat also reduces the risk of drying out exposed tissue.

FLEXIBLE SUSPENSIONS

Simplified Controls

G-Series suspension systems are made to the highest quality standards. Their flexible nature integrates with your workflow and case load, providing you with the ideal solution for your unique challenges. The system's open architecture and non-wired suspension arms give you the flexibility to use any major integration or monitor provider.

Suspensions to Fit Any Room Configuration

Experience full-range maneuverability, single- or dual- cardanic arms, and fixed or adjustable spot size light heads, including camera-ready ones for recording cases.

Easy-to-Position and Stow Monitors

Specially engineered monitor yokes are future-ready, accommodating up to 32-inch monitors. Simply push up and away to a stow position when not in use, avoiding heat damage to the screen face.

Centralized, Integrated Controls

The sterile surgeon controls enable you to turn the lights on and off, and adjust the light intensity, spot size and position from within the sterile field. In addition, an intuitive wall control enables complete command of lights and the in-light camera from a distance.

LIGHTS. CAMERA. OPTIONS.

See every image with stunning clarity and enhanced contrast with our HD in-light camera. Its small size fits easily into the sterile handle for an unobstructed view of the surgical site. Controlled from the wall-mounted control panel or through the Harmony iQ® Integration System, the HD camera provides superior visualization for reference, broadcasting and teaching.

The Harmony® ConnectPoint® Video Connectivity System improves safety and efficiency for your staff and patients. It is an ideal solution to quickly integrate your room and increase surgeon visualization.

Your Partner in **Green**

We're committed to providing you with environmentally responsible solutions that help you meet your goals, so that you can focus on what you do best – provide the highest quality patient care.

Our Environmental Stewardship Initiative encompasses our products and solutions, company operations, and social responsibility.

Less is **More**

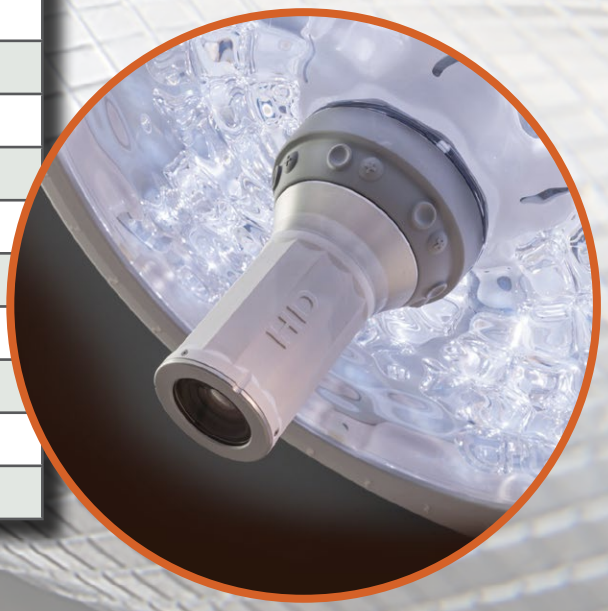
G- Series lights use up to 70 percent less energy per light head than previous LED surgical lights, all while delivering more light to the surgical field.

Long Live **LEDs**

Longer-life LEDs last in excess of 50,000 hours. Further, LEDs are mercury-free, and do not contain CFCs, POPs, VOCs, halogens or other harmful chemicals. They're also RoHS-compliant.

Technical Specifications

Feature	G5 Series
Diameter	24” (61 cm)
# of LED	60
Maximum Central Illuminance	160 klx
Maximum Central Irradiance	< 500 W/m^2
Heat to Light Ratio	3.1 mW/m^{2}lx
Depth of Illumination	38” (97 cm) at 20% 21” (53 cm) at 60%
Pattern Size (D10)	7” - 11” (18-28 cm) 7” (18cm) fixed
D50 (small pattern)	4.4” (11cm)
D50/D10 (small pattern)	62%
CCT (Color Temp)	4400 +/- 300 K
CRI	up to 96
R9	up to 98
Chromaticity Coordinates	(0.365, 0.366)
UV emission (300-400 nm)	< 3 W/m^2
Power Consumption (LEDs only)	40 watts
Life (B50, L70 definition)	50,000 hrs



HarmonyAIR™
Surgical Lights

For more information, contact your STERIS representative or visit www.steris.com.

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