



**GEORGIAN
ANESTHESIA
AND MEDICAL CORP.**

**www.georgiananesthesia.com
(705)-817-3711**

Full Intergration To The OT Environment From Conventional To Hybrid Rooms

Sharing Information in Full HD Quality Such As Best Practices Among Or To Document Procedures For Risk Management

Our System Allows Equipment To Be Positioned Within Reach Of The Surgeon, Concealing Wires And Cables To Improve Safety And Hygiene Equipment Can Be Easily Added, Removed And Upgraded To Meet Future Requirements

The Quick Look System Allos Accessories Such As HD Cameras To Be Quickly And Easily Connected And Disconnected Without Special Tools, This Minimizes Set Up Time Between Procedures, And Allows Easy Pooling Of Accessories, With Cameras Shared Through Out The Surgical Suite

Flat Screen Holders Accommodate Larger And Heavier Flat Screens - Up To 50 Inches, With Full HD Or 4K Visualization, Without Disrupting Your Surgical Light Configuration

Hybrid OR Solution

With more Than Hundreds Completed Hybrid OR Installations , We Are Experts In The Field. We Know That The Hybrid OR Is The Field. We know That The Hybrid OT Is The Future Of Surgery. We Developed The LED Light To Be Future-Proof, Ready For The Hybrid OT

Longer Suspension Arm. Move The LED Light Out Of The Way To Make Room For Imaging Equipment

X-Ray Shield: Seamless Integration With The Latest Hybrid Imaging Technologies

PowerLED 720/520

Evolving Design, Revolutionary Features

Full HD Camera

Document procedure in full HD quality to share best practices among surgeons, maintain precise records for risk management, and optimize understanding and learning

Small Light Patch

With a minimum size of 13cm(5.1") Micare PoerrLED focuses illumination where it's most needed

Light Patch Positioning (Laser)

A laser guide ensures precise positioning for best lighting condition



Automatic Illumination Management(AIM)

The AIM system automatically compensates for light blocked by the surgeon's head by boosting the remaining zones. This offers total freedom of movement without any reduction illumination, improving work place comfort

Luminance Management Device(LMD)

LMD automatically regulates the illumination reaching the surgeons eyes. The technology maximizes useful light and minimizes eye fatigue by adapting to shadows and avoiding excessive variation in luminosity

Confort Light (Optional)

Confort Light minimizes luminance contrasts between the center of the light patch and its periphery. This reduces the glare effect to protect against eye fatigue and to help improve patient outcomes

TECHNICAL DATA IN MODELS

E720/520, E720/720, E520/520 , E720, E520



Model Number	720 Main Lamp	520 Main Lamp
QTY of LEDS	80pcs	48pcs
Lamp Head Diameter	720mm	520mm
Color Temperture	3500-5500K (5 Steps Adjustable)	
Illumination Adjustable	40,000 - 160,000LUX (10 Steps)	
Color Rendering Index	RA>95	
Illumination Depth	1200mm	
Spot Diameter	120-300mm	
LED Life Time	>50,000 Hours	
LED Brand	Osram	
Emergency Battery	Optional	

Interal&External Camera System
Monitor Optional

The monitor and hard disc recorder are put in a seperated cabinet (optional), which can be used for medical teaching and video storage



E720L, E520L



Advanced Surgical Lighting

to keep patients safer

Patient safety is the most important aspect of health-care. But in an environment where safety is often equated with new technologies and techniques, sometimes the simplest things can be overlooked

We believe that positive outcomes rely heavily on surgeon's eye; the ability to clearly see the problem, assess the situation, and safely treat the patient. In short, good lighting in the OR plays a major role in achieving positive patient outcomes

Surgical Safety

Color remains stable over time

Power LED uses only white LEDs to render natural and faithful colors. White LEDs prevent the distracting colored shadows that can appear on the surgical field with the use of colored LEDs. A color rendering index of better than 96 facilitates clear interpretation and diagnosis. And with long-life LEDs, you can expect more than 60,000 hours of reliable service with no shifts of the optical parameters and no risk to patients

Boost Function-

prevent surgical complications

Maximum illumination up to 160,000 Lux can be achieved by using boost mode during severe bleeding. This gives additional light when needed, but minimizes radiant heat during normal operation to prevent tissue drying-even in the most sensitive patient. You can operate in total confidence, with no additional uncontrolled risk

Smart Electronics-Prevent Downtime

All LEDs are independently controlled by smart electronics, ensuring maximum illumination even in the event of an electronic failure.



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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 patientcare

Our environmental Stewardship initiative encompasses our products and solutions, company operations, and social responsibility

Less is More

Our lights use up to 70 percent less energy per light head than previous LED surgical lights, 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.

