

BRILLIANT BY DESIGN

The MICARE PowerLED Surgical Lighting System
Provides Meaningful, Clinician-Inspired Advances To Keep
Up With Life In Today's OR.

Through Thoughtful Innovation, This Future-Ready System Offers Superior Optical Performance, Laminar Airflow Design

Full Integration To The OR Environment From Conventional To Theatre Rooms

MICARE PowerLED ensures the clearest and brightest light for surgeons, without distractions from glare.

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. Thanks to MICARE Power LED
High-quality illumination helps to
relieve strain, Comfort Light feature,
improves visual performance, reduces
the sensation of glare and increases the
feeling of wakefulness leading to a
better working environment

Micare PowerLED model E700/500 Evolving Design, Revolutionary Features

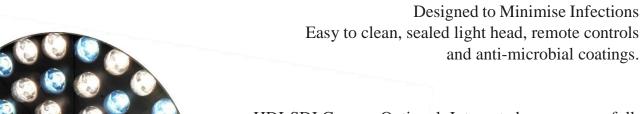
Near Perfect Colour Rendition with white and yellow LEDS mix
For the best visualisation of tissue during surgery.

Widely Beam Technology From 15CM-35CM The largest light beams of any current product with high intensity across the full beam width.

Unique Comfort

A soft illumination of light to reduce eye strain from high contrasts of light intensity.





HDI-SDI Camera Optional, Integrated cameras are fully enclosed inside the light head, records for risk, management, and optimize understanding and learning.

Maximum illumination up to 180,000 lux Stable and constant illumination Enhanced visibility, diagnosis and treatment



Endoscopy Mode In Deep Illumination For Various Operation Environments



Astro Space Design, Working seamlessly with laminar airflow solutions



Removable Sterilizer Handle Can Be Easily Replaced by Internal Camera



5.1 INCHES LCD Touch Panel Optional (OEM With LOGO Print Available)

TECHNICAL SHEET



MICARE PowerLED Model	E700 / 500	
Voltage	95~245V · 50/60HZ	
Illuminance at distance of 1 m(LUX)	93,000-180,000/83,000-160,000	
Brightness Adjustable	10-100%	
Lamp Head Diameter	700MM/500MM	
Quantity Of LEDS	80PCS/48PCS	
Color Temperature Adjustable	3000-5500K	
Color rendering index Ra	96	
Color rendering index R9(Red)	98	
Light Field Size Adjustable	150-350MM	
Total rediant flux density	364W/m2	
Endoscopy Mode	YES	
Endoscopy Mode LEDS	8PCS/8PCS	
Illumination For Endo-Mode	15%	
LED service life	80,000hrs	
Main Material	Aluminum	
Rotating Angle Of Arm	>540°	
LED Bulb Power	1 w Each Pc	
Input Power	400w	
Operating element	Touch Control	
Light head protection rating	IP54+FireProof	
Depth of illumination L1+12	1400MM	
Packing	3 Wooden Cartons	
LCD Touch Screen	Optional	
Back Up Battery (4-6hrs)	Optional	
Shadow Compensation Function	Optional	
Internal/External Sony Camera(20X)	Optional	
Monitor With Extra Arm(22 Inches)	Optional	
LED Bulb Diameter	20MM	



Micare Power LED model E700/500 CAMERA AND VIDEO SYSTEM

THE NEW DIMENTSION IN VIDEO IMAGES

CAMERA (INTERNAL & EXTERNAL) More Details, Better Visualization

Fascinating Images-With Clear, Sharp Contours













1	A Allendary and the second and the s	al book sare
	IMAGE SENSOR	SONY 1/2 8TYPE "EXMOR" CMOS, SUPPORT PROGRESSIVE MODE
	IMAGE SOLUTION	1920*1080P, APPROX, 2,140,000 PIXELS
	VIDEO OUTPUTS	20X OPTICAL ZOOM, 12X DIGITAL ZOOM
	ASPECT VIDEO	SDI
	FOCUS OPERATING	16:9
	WHITE BALANCE	MANUAL & AUTO
	REMOTE CONTROL	AUTO, ATW, INDOOR, OUTDOOR, ONE, PUSH WB, MANUAL WB
	WIRELESS REMOTE CONTROL	STANDARD ACCESSORIES
	HARD DISK FOR STORE	1T
	POWER	6.8W
	VOLTAGE	DC12-30W, 1.5A
	INSTALLATION	INTERNAL & EXTERNAL OPTIONAL
	MONITOR	22INCHES HANGING WITH ARM
	SOUND COLLECTION	STANDARD

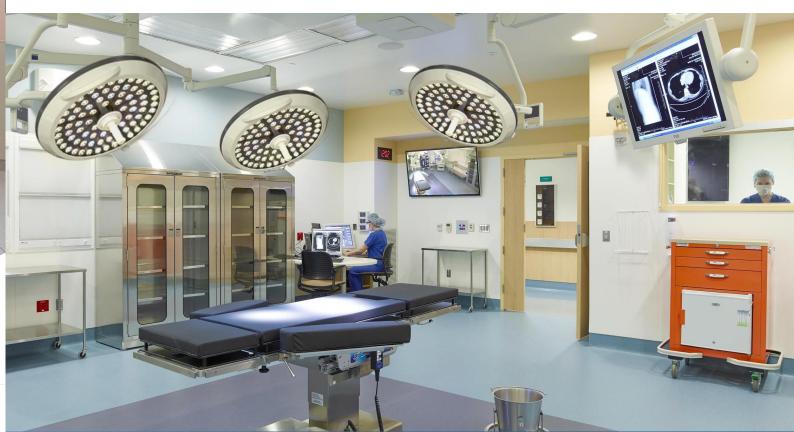






What if you had a lighting system that was modular, upgradeable, and expandable so that it could meet your ongoing needs with ease? You've found it. There are ways to customize this system today and in the future.

All of us here at MICARE are committed to you



SIMPLY INGENIOUS

What if you had illumination in the OR that simply supported you throughout each surgical procedure? The MICARE PowerLED 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 MICARE PowerLed is able to optimize illumination through fewer LEDs than in the past.

You focus on patients. We focus on you.

MICARE Lighting 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.

LIGHTING EXPERIENCE