

Compact Examination & Surgical Light



LUMINOX SERIES

SURGICAL LIGHTING

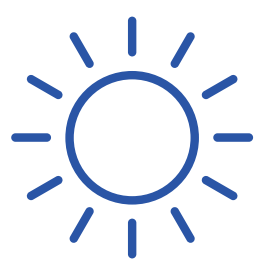
The Definitive OT Light — Engineered for the Future.

LUMINOX SERIES

Engineered for the everyday – every examination, every minor and major procedure, every bedside intervention illuminated with surgical-grade clarity.

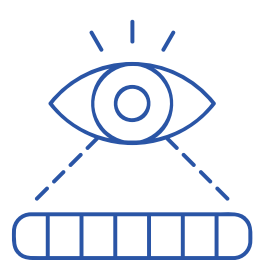


PURPOSE-BUILT CAPABILITIES



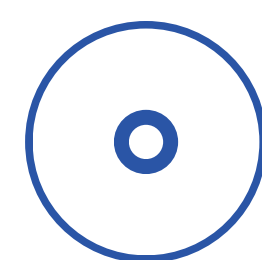
High-Intensity Illumination

Delivers high illumination at 1 metre – bright, uniform, and shadow-managed across the full operating field.



Integrated Dome Controls

On-head buttons let the surgeon adjust intensity instantly—no separate panel, no fumbling.



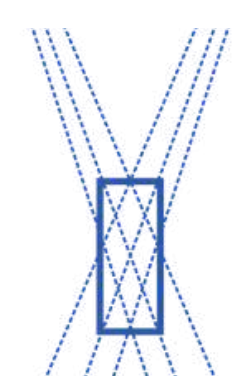
Compact & Streamlined Design

The shape of light have modern aesthetic, aerodynamics and ensures visual comfort by reducing obstruction



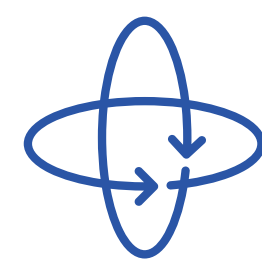
50,000+ Hours LED Life

Long - life LED service span—built for high-utilisation hospitals with minimal replacement cycles.



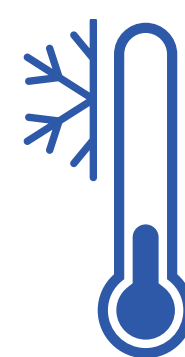
High Depth of Illumination

Delivers powerful and uniform light, ensuring clear visibility and enhanced depth across the cavity.



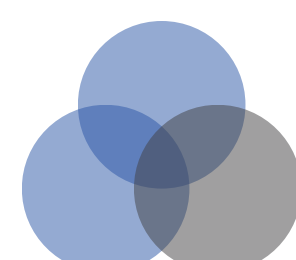
Multi-Axis Maneuverability

Spring-balanced arm lifts, tilts, pivots and rotates around its axis—locking firmly at any chosen position.



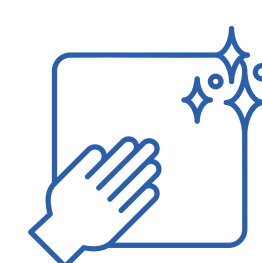
Cool, Energy-Efficient LEDs

Low-power LED engine draws minimal energy – minimal heat emission, comfortable for both patient and surgeon.



Daylight-True Colour

Color temperature: 3000K–6500K (white spectrum), providing excellent tissue visualization with high-fidelity color rendering to support diagnostic accuracy



Smooth, Easy-Clean Housing

Open-type rounded body with no sharp corners or crevices – every surface wipes down hygienically



Globally Certified

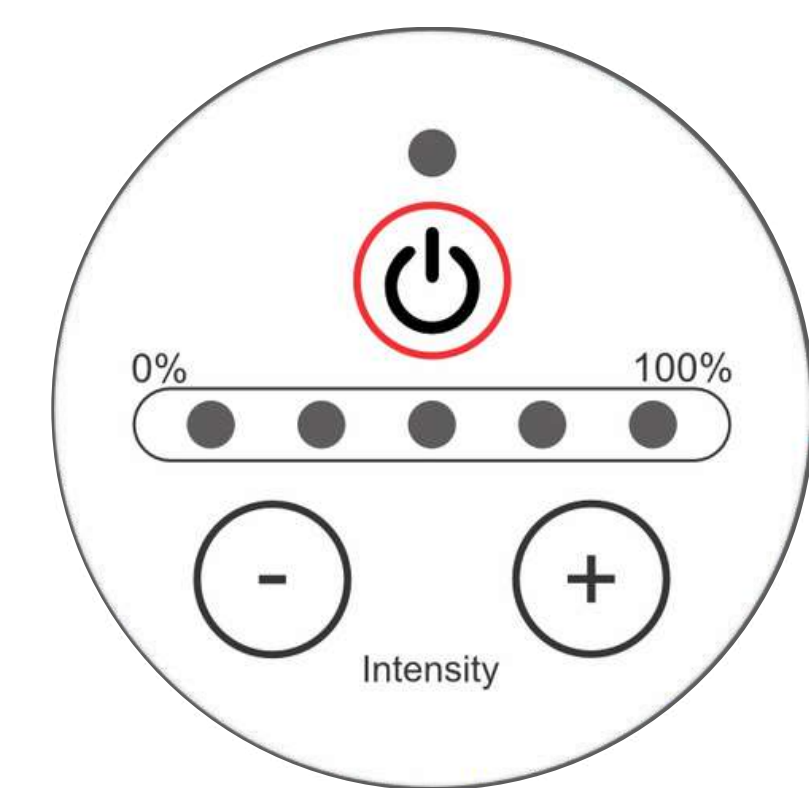
Manufactured under ISO 13485 with CE marking and CDSCO compliance – qualified for international tenders



SURGICAL-GRADE CLARITY.

The Luminox condenses the optical performance hospitals expect from a full operating-theatre light into a compact, energy-efficient, easy-to-deploy unit — built for the working majority of clinical interventions.

LUMINOX



Keypad Control Panel

Aluminium Plate with LEDPCB mounted on ABS base to give efficient thermal management

Multi-colored LED's to provide variable color temperature modes (with in 3,000 - 6,500 k)

Smart focus control enabling different Operational Modes



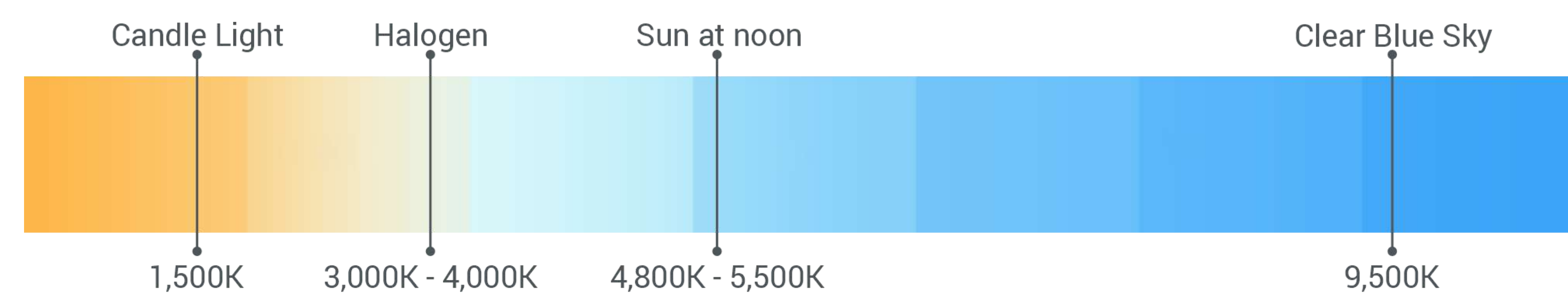
NARROW



BROAD

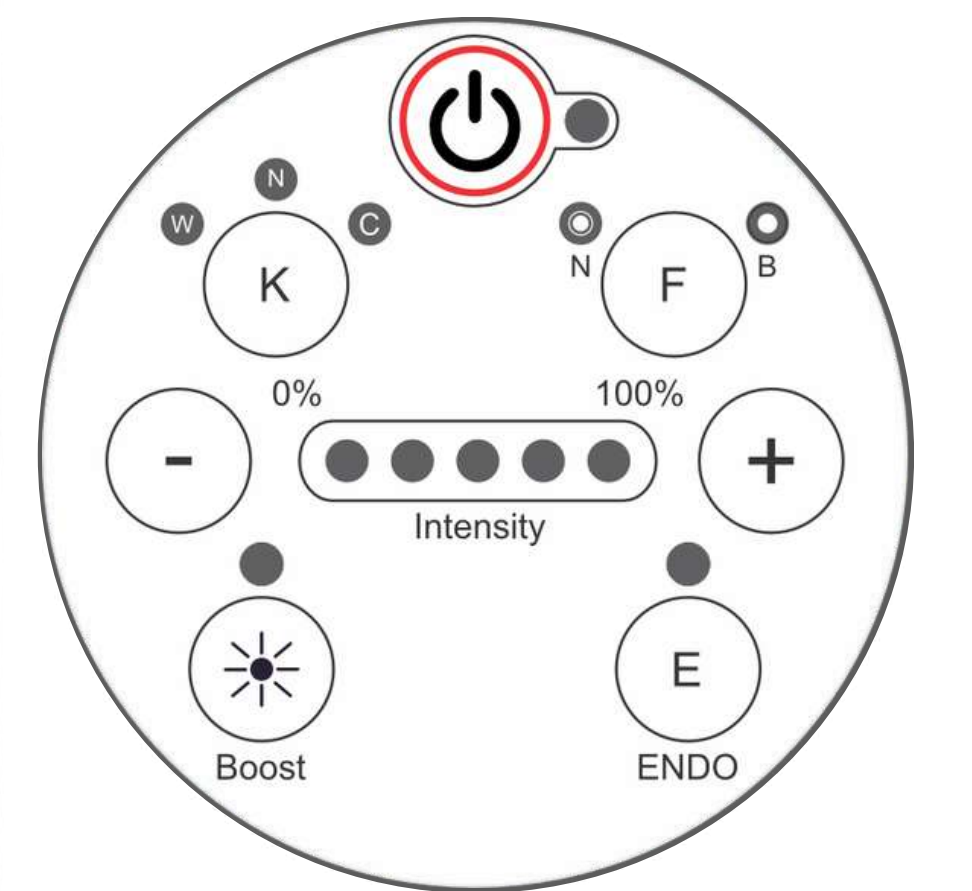


ENDO

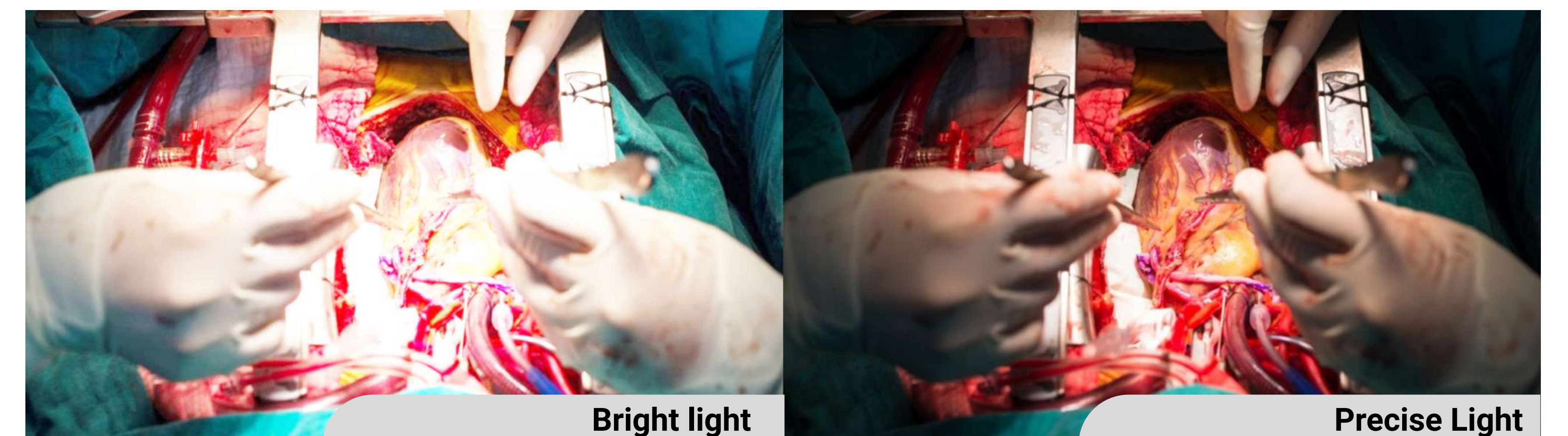


Sterilizable Handle

Ergonomic design for better grip



Keypad Control Panel



Bright light

Precise Light

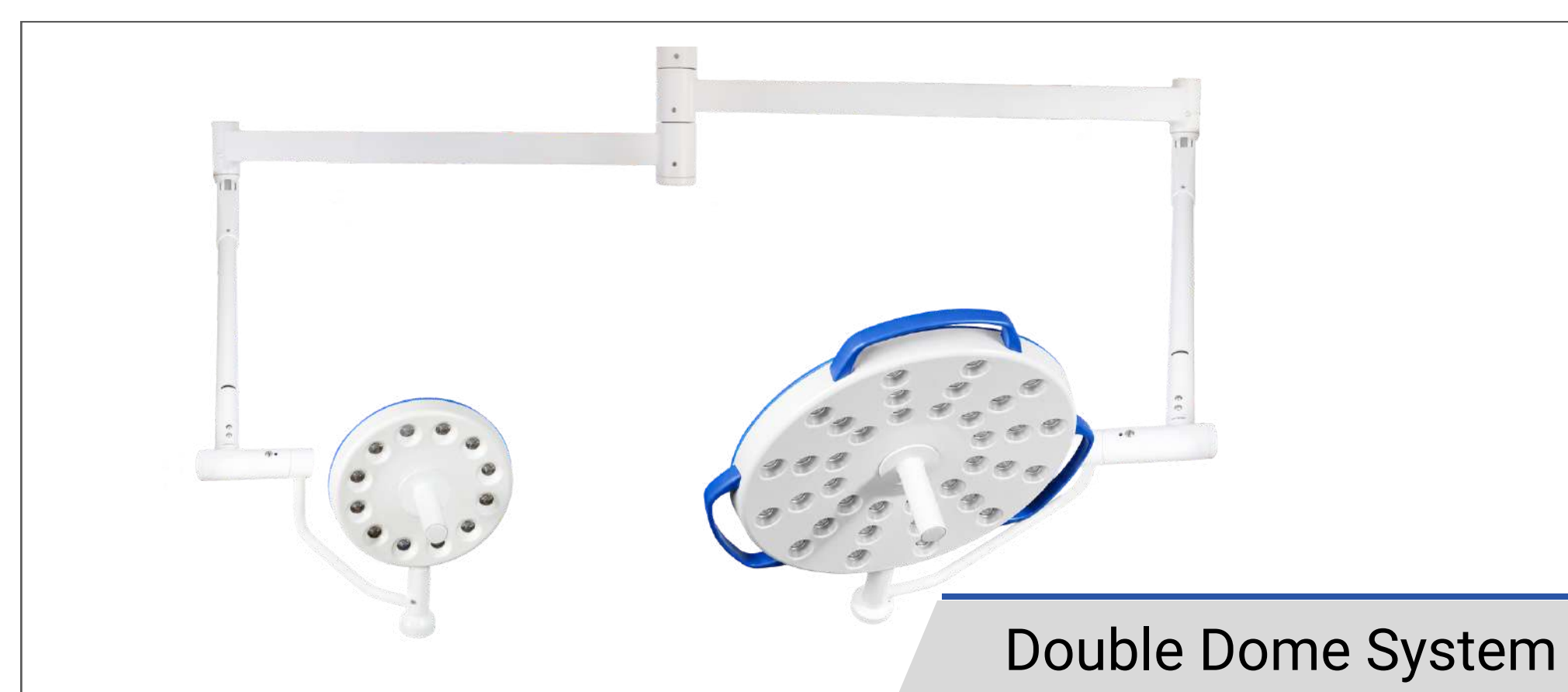
CONFIGURATIONS



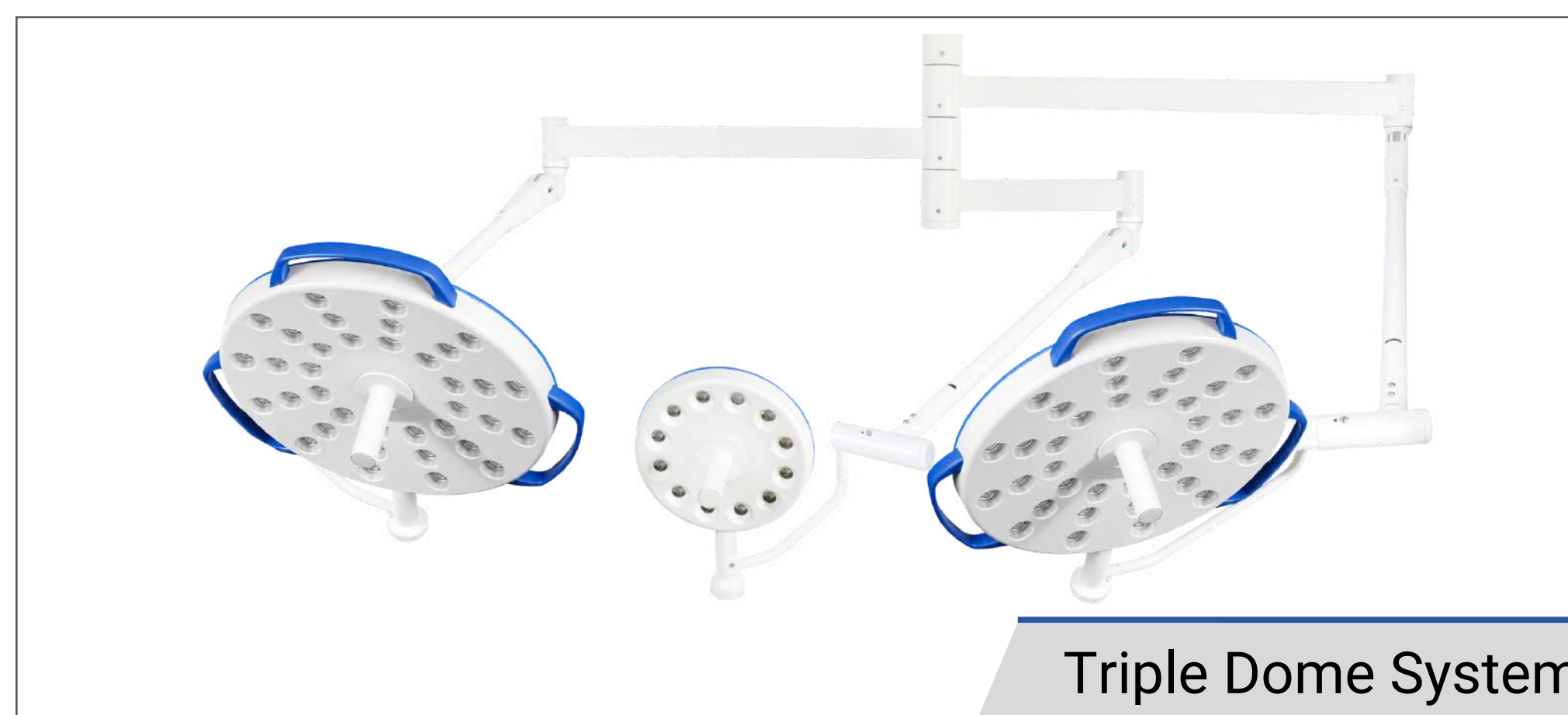
Mobile Dome System



Single Dome System

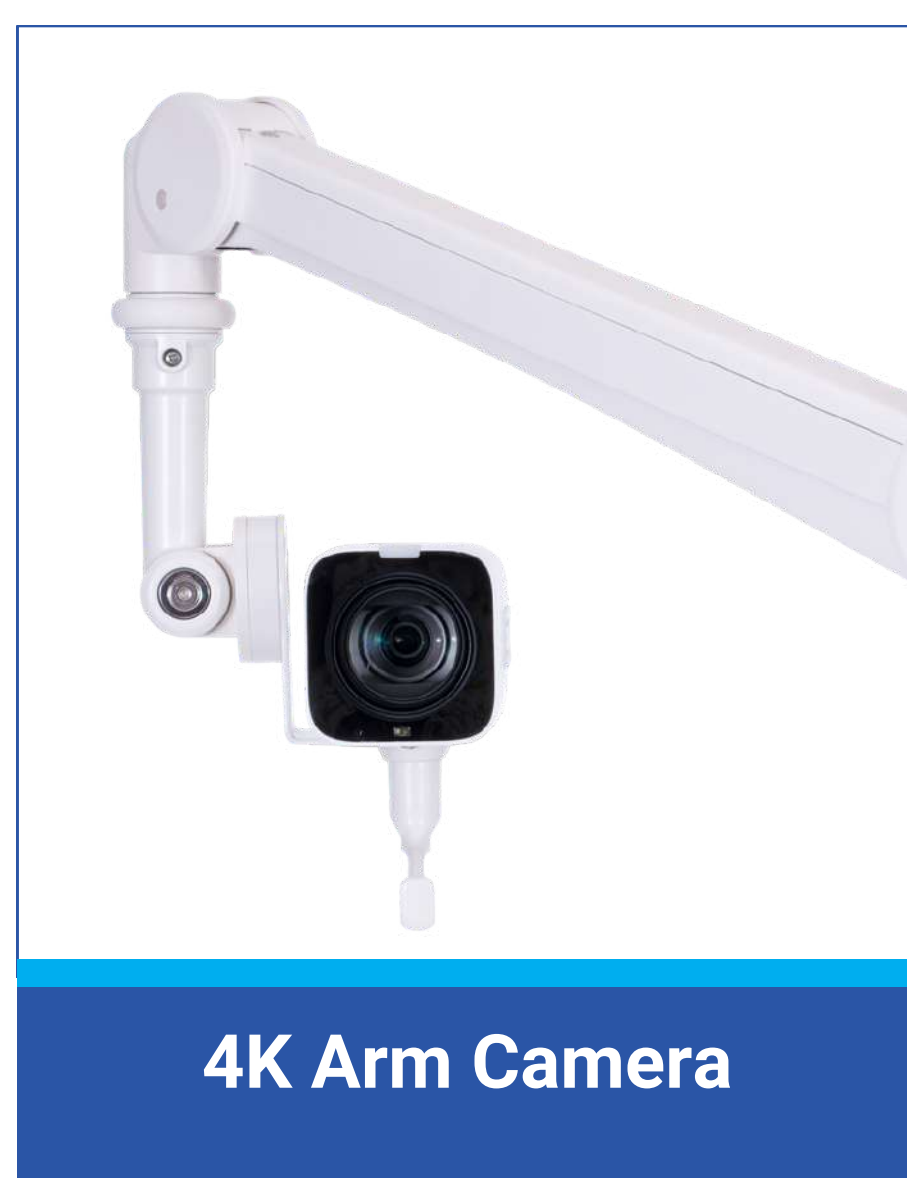


Double Dome System



Triple Dome System

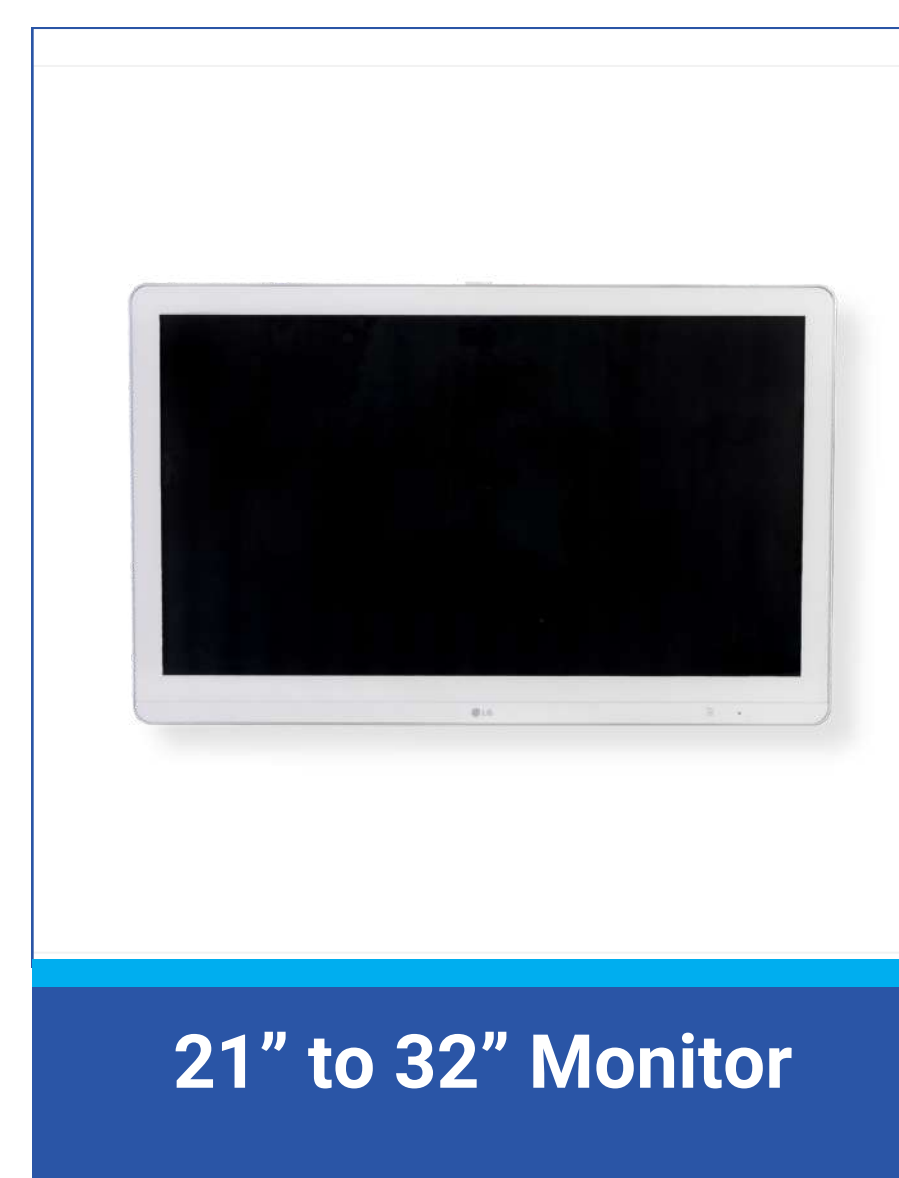
ACCESSORIES



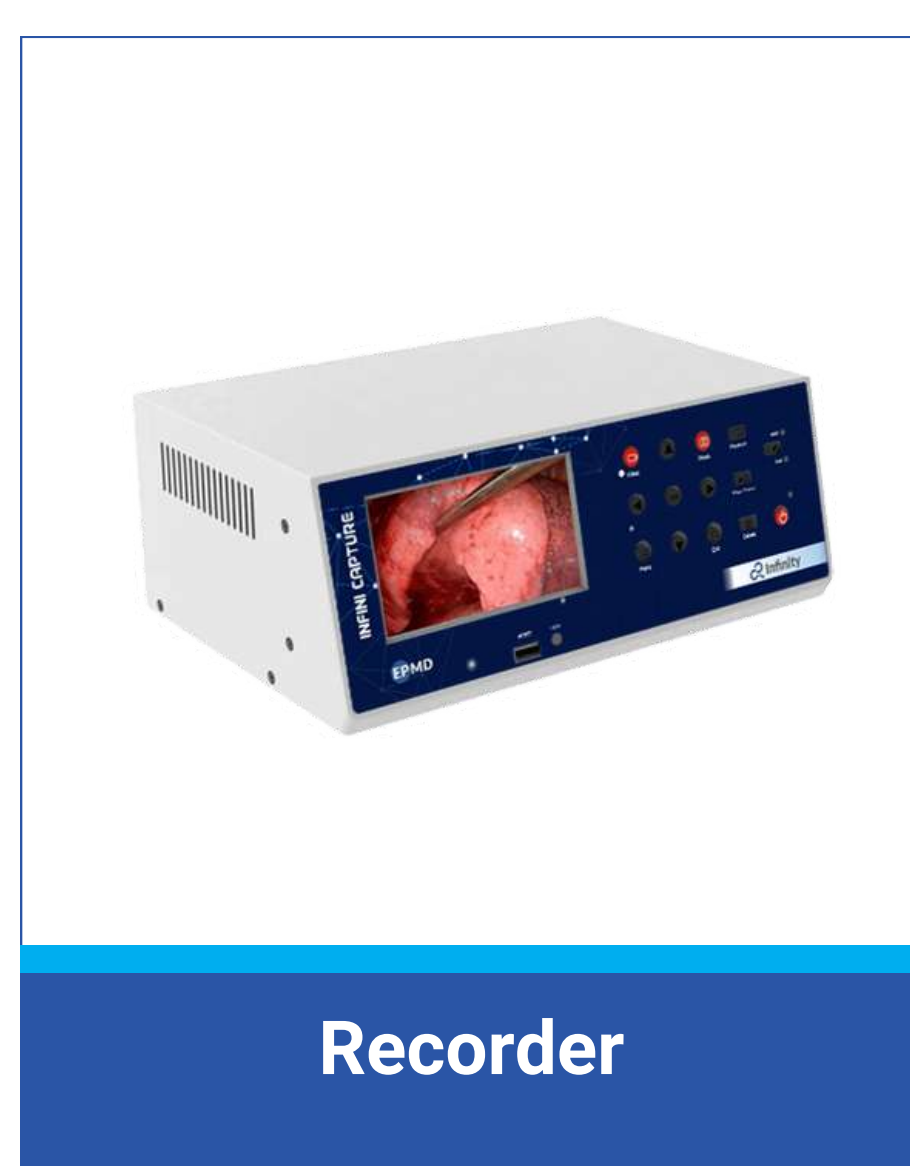
4K Arm Camera



Monitor Arm



21" to 32" Monitor



Recorder



Battery Backup

SPECIFICATIONS:

LUMINOX SERIES		
OPTICAL PARAMETERS	Luminox 300	Luminox 500
Max. Central illumination at 1m distance	1,00,000 lux	1,60,000 lux
Light field diameter at 1m (d10)	250 mm ± 10%	200mm - 300mm ± 10%
Light head diameter	300mm	up to 600mm
Depth of illumination at 20% (L1+L2)	1300mm	1200mm
Depth of illumination at 60% (L1+L2)	800mm	750mm
Correlated Color Temperature (CCT)	6500K ± 500K	3500K – 5500K
Color Rendering Index (CRI)	>90	>92
Power consumption	<25W	<50W
Focus Mode*	Fixed	Variable
Dimming Range	0 – 100 %	0 – 100 %
No. of LEDs	12	30
Service life of LEDs	60,000 hrs.	60,000 hrs.
Supply Voltage	230V±10% 50Hz±5%	230V±10% 50Hz±5%
Power Supply unit	24V DC ± 10%, 4.2A max	24V DC ± 10%, 4.2A max
Operating Temperature	5°C - 40°C	5°C - 40°C
Humidity	10% - 90%	10% - 90%

NOTE: CUSTOM DEVELOPMENT AVAILABLE
The specifications mentioned above can be used for wall, single, double, triple and mobile versions of Luminox series. All values confirm to IEC 60601-2-41 & are subject to a general industrial tolerance ± 5% In accordance with the IEC 60601-2-41 standard, the maximum illuminance must not exceed 160,000 lux.
*Focus Mode: **Variable** = Narrow, Broad & Endo mode.



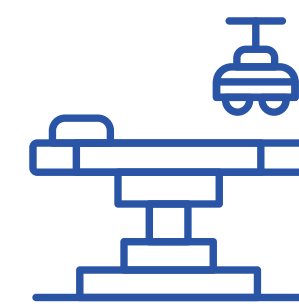
ECLIPSE PRISM
MEDICAL DEVICES



30+ YEARS
MEDICAL DEVICE
MANUFACTURING EXPERIENCE



50+
MEDICAL DEVICES



10,000+
OPERATING
ROOMS



10 Million
ACTIVE USERS

Our Brands



Certifications and Compliances

ISO 9001:2015



ISO 13485:2016



ICMED 13485



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