



# Excellence in illuminating clinical care begins with precision at the millimeter level

## An Ideal Surgical Light:

- **Accurately reproduces the natural colors and subtle differences in tissue**, enabling veterinarians to make precise clinical decisions and perform safe, meticulous procedures.
- **Provides homogeneity and stable illumination**, reduces the need for frequent light adjustments that may interfere with surgical workflow.
- **Reduces eye fatigue**, promoting surgeons’ eye health to assist in focused and composed high-intensity cases.
- **Adjusts brightness transitions in accordance with visual physiology**, reducing discomfort in animals caused by sudden exposure to intense light.



Q | Search Mindray Animal Medical

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P/N:ENG-VeLED Series-210285X6P-20250505  
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Model	Surgical Lights		Examination Lights	
	VeLED S5	VeLED S3	VeLED E5	VeLED E3
Illumination (Lux)	160000	100000	70000	60000
Light Field Diameter (mm)	170-250	170-250	170	170
60% Depth of Illumination (mm)	600	600	1200	1200
Light Head Size (mm)	500	500	290	290
Mounting Options	Ceiling : Single & Dual-head Wall/Mobile	Ceiling : Single & Dual-head Wall/Mobile	Ceiling : Single-head Wall/Mobile	Wall/Mobile
Arm Configurations	Spring Arm	Spring Arm	Spring Arm	Gooseneck Arm
Brightness Control Handle	Standard	Optional	Optional	Optional
Endo Mode	√	√	×	×

For detailed parameter configurations, please consult Mindray Animal Medical's authorized distributor



## VeLED Series LED Surgical / Examination Lights

Steel may hold the scalpel  
but light holds the soul





CRI/ **99**  
Accurate Color Restoration

R9/ **97**  
Enhanced Vessel Recognition

Color Temperature / **4500**  
Visual Strain Reduction

60% Depth of Illumination / **600**  
Clear Visualization of Deep Cavity

## Exceptional Illumination Eye-friendly Comfort



### High Performance & Low Fatigue

Superior color rendering and illumination performance  
Reduces visual fatigue during prolonged surgical procedures

#### Multi-patch Superposition Technology (MPST)

- Delivers consistently uniform and circular light across the surgical field
- Maintains stable illumination even when part of the light source is obstructed

#### Electronic Focusing

- Inner and outer ring beams converge at 0.8–1.2 m without dispersion
- Reduces need for frequent light adjustments, allowing surgeons to stay focused on procedures



#### Adjustable Light Field Diameter

- Light field diameter adjustable from 170 to 250mm
- Designed to suit a wide range of surgical cases - from fine incisions to broad operative fields



#### Soft Start & Gentle Lighting

- Minimizes visual fatigue caused by sudden brightness changes
- Reduces stress responses in animals during exams

#### Stable Articulation & Freely Suspended Positioning

- Maintains precise positioning without drifting or sagging over long-term use
- Enables fast and stable angle and position adjustments during surgery

#### Dual-Function Handle

- Optional control handle integrates both positioning and brightness adjustment
- Enhances surgical efficiency and workflow fluidity

#### Endo Mode

- Provides soft, low-illuminance lighting optimized for endoscopic procedures
- Prevents screen glare and maintains a clear visual field



## Single-handed operation Full-room flexibility



#### Integrated Lamp Head

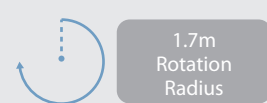
- Screw-free
- Antimicrobial coating
- Effortless routine care

#### Compact Agility Powerful Functionality



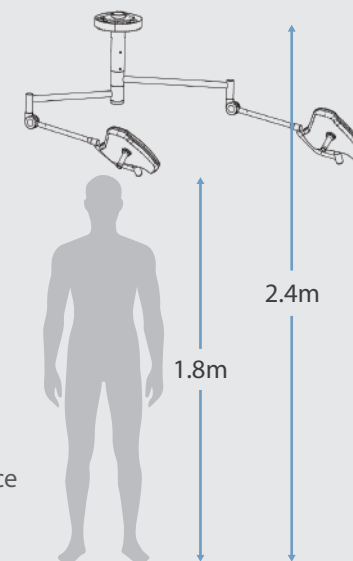
##### Ceiling Height Adaptability

- Engineered to suit ceiling heights as low as 2.4 meters
- Ensures a professional, efficient surgical layout even in compact veterinary settings



##### Compact Space Solution

- Specifically designed for veterinary clinics with limited space
- Easily fits into surgical areas as small as 5 m<sup>2</sup>, offering flexible and functional installation



A 5 m<sup>2</sup> surgical area is one that is specifically configured to support a rotational radius of 1.7 meters

## Crafted to Perfection Trusted Quality

- Rigorously tested under extreme conditions to last over 10 years of reliable performance

**25**  
Disinfectants

**IP54**  
The Waterproof and Dustproof Rating of Lamp Head

**10,000+**  
Aging Tests

**20,000**  
Operation Tests



**100,000** Hours  
Service of Life

**40,000+**  
Joint Rotation Tests

**Low EMI**  
Minimizes Interference with Ultrasound Imaging



Multiple mounting options for flexible and numerous installation options