



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.



[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

mindray
animal care

Exceptional Illumination Eye-friendly Comfort

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

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

225mm
Ultra-compact
Flange Tube

1.7m
Rotation
Radius

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 m², offering flexible and functional installation

A 5 m² 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