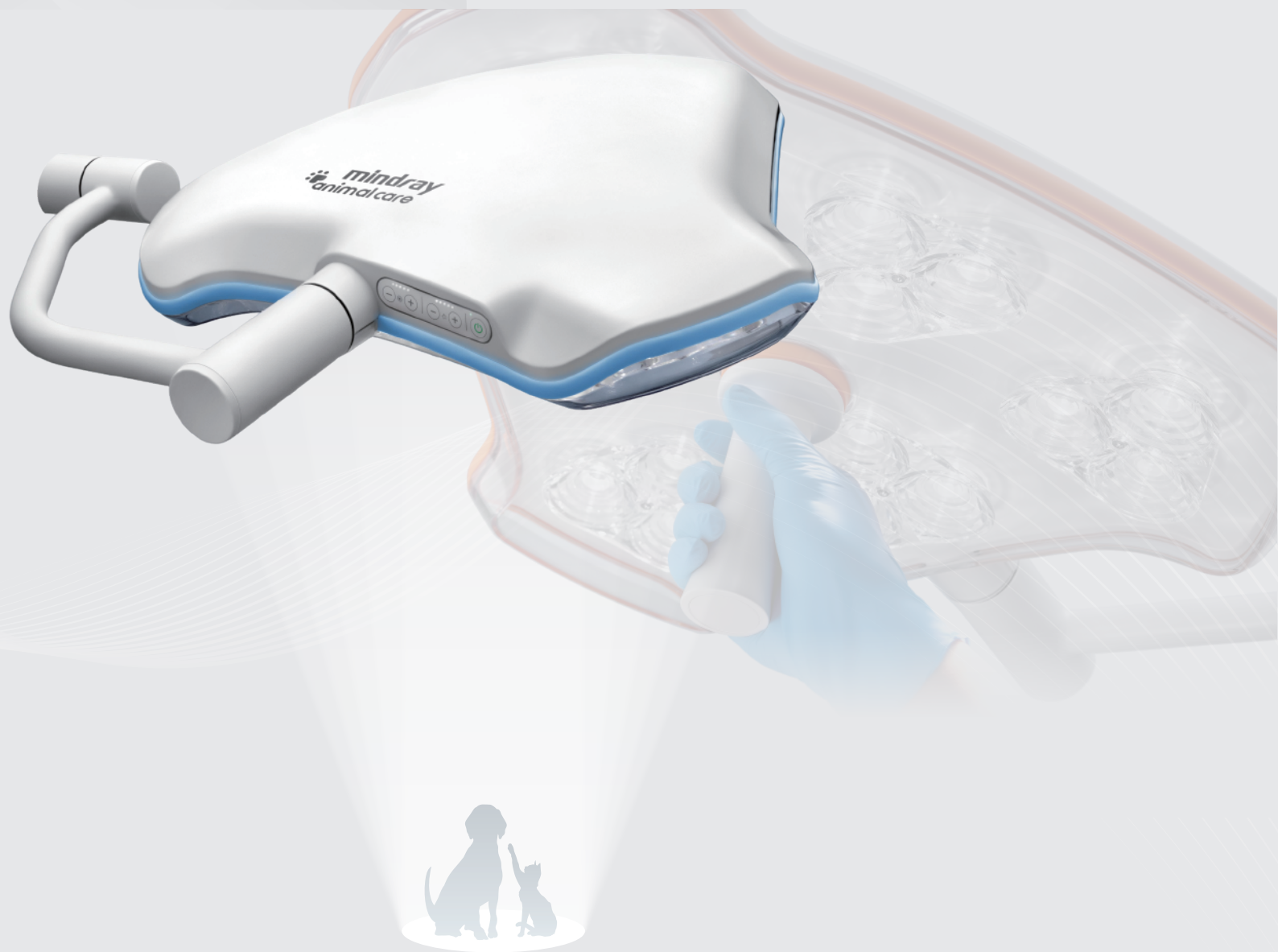


VeLED Series

LED Surgical / Examination Lights

Steel may hold the scalpel
but light holds the soul





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.



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

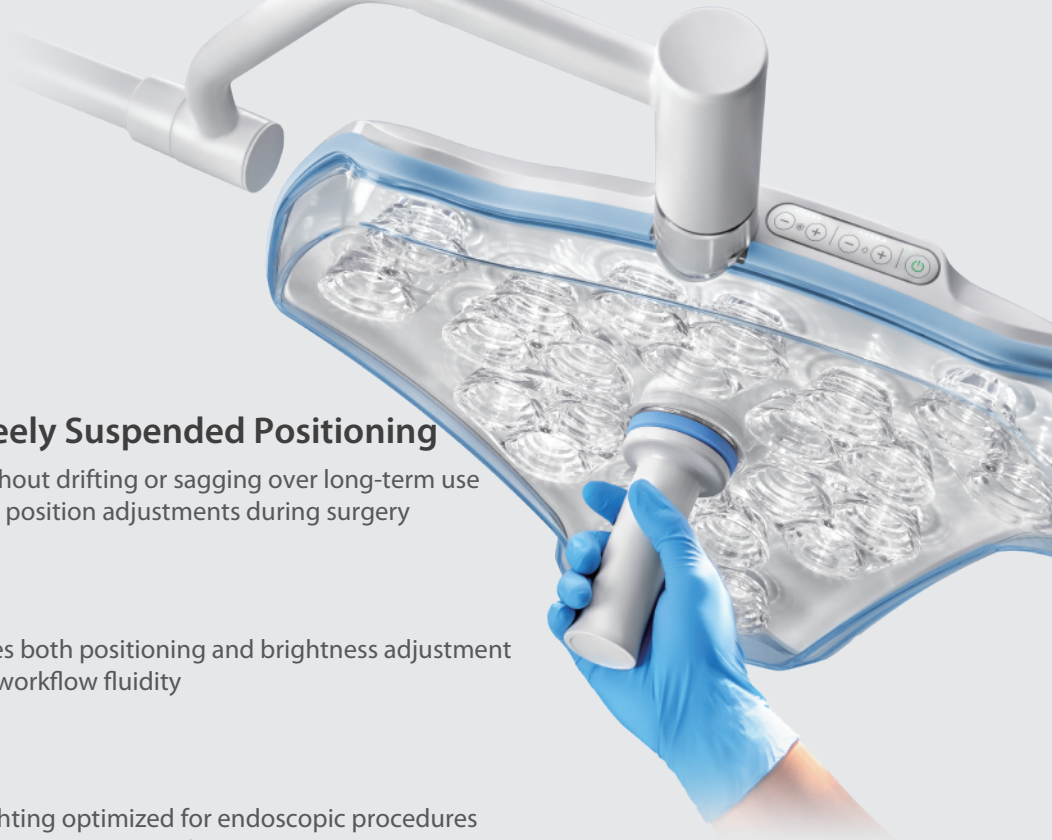


Soft Start & Gentle Lighting

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

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



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

Ceiling Height Adaptability

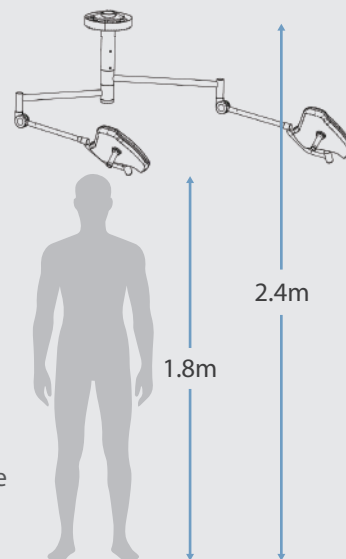
- Engineered to suit ceiling heights as low as 2.4 meters
- Ensures a professional, efficient surgical layout even in compact veterinary settings



1.7m
Rotation
Radius

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

10000+
Aging Tests

20000
Operation Tests



100,000 Hours
Service of Life

40000+
Joint Rotation Tests

Low EMI
Minimizes Interference with
Ultrasound Imaging



Multiple mounting options for
flexible and numerous installation options

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



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www.mindrayanimal.com
service@mindrayanimal.com

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