

## Technical Specifications

	HyLED 180 Vet series
Central illuminance (at 1m distance)	70.000 lux
Light field diameter (at 1m distance)	170 mm
Depth of illumination (20%)	1500 mm
Color temperature	4350 K
Color rendering index (Ra)	96
Color rendering index (R9)	96
Service life of bulb	≥60,000h
Number of LED bulbs	6

## HyLED 180 Vet series

LED Examination Lights



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# HyLED 180 Vet

The HyLED 180 Vet series inherit Mindray's advanced LED surgical Light technology and provides excellent illumination. Multiple mounting designs including ceiling-mounted lights, mobile lights and wall-mounted lights can meet the specific needs of various clinical settings such as outpatient surgery, debridement and operating room.

## • Excellent illumination (Soft light reduces animal's stress.)

**Flexible illuminance:** The illuminance is adjustable across 5 levels, with a maximum of 70,000 lux (1m).

**High fidelity:** At a color temperature of 4350K, both Ra and R9 can reach 96 CRI.



## • Infection control design (The antibacterial design prevents secondary infection.)

**Effective antibacterial application:** The international standard antibacterial powder applied on the surface inhibits the growth of staphylococcus aureus.

Type of bacteria	Concentration of inoculated strains (per/mL)	Quantity of inoculated strains (mL)	Average logarithm of strains (per/cm <sup>2</sup> ) after different contact times			Value of antibacteri-al activity
			/	"0 hour"	"24 hour"	
Escherichia coli ATCC 8739	1.1X10 <sup>6</sup>	0.2	Sample	/	0.21	5.5
			Control sample	4.18	5.69	
Staphylococcus aureus ATCC 6538P	1.1X10 <sup>6</sup>	0.2	Sample	/	-0.20	5.8
			Control sample	4.11	5.56	

**Infection control:** The optional re-sterilizable handle prevents infection during surgery.

## • High durability (Specialized LED light source ensures long-term use.)

**Superior light supplier:** Germany Osram LED bulbs

**Long service life:** LED bulb service life up to 60,000 hours (equal to 6 years of continuous lighting)

Ceiling-mounted lights  
HyLED 180 Vet



Wall-mounted lights  
HyLED 180W Vet

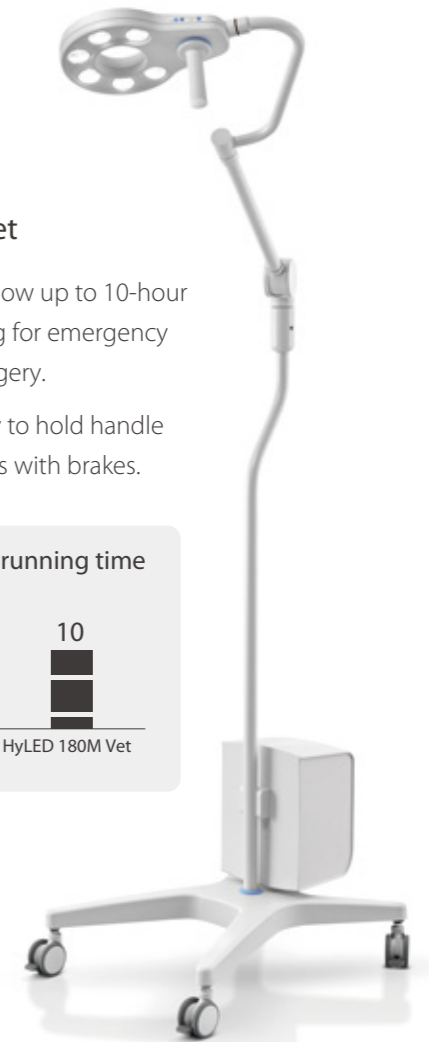
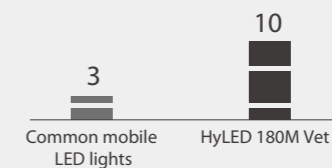


Mobile lights  
HyLED 180M Vet

**Built-in battery:** Allow up to 10-hour continuous lighting for emergency lighting during surgery.

**Easy to move:** Easy to hold handle and 4 swivel castors with brakes.

Comparison of running time



1.Wikipedia, Color Rendering Index.