

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 |



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HyLED 180 Vet series
LED Examination Lights



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/cm2)after different contact times | | | Value of antibacteri-al activity |
|----------------------------------|--|-------------------------------------|---|----------|-----------|----------------------------------|
| | | | / | "0 hour" | "24 hour" | |
| Escherichia coli ATCC 8739 | 1.1X10 ⁶ | 0.2 | Sample | / | 0.21 | 5.5 |
| | | | Control sample | 4.18 | 5.69 | |
| Staphylococcus aureus ATCC 6538P | 1.1X10 ⁶ | 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



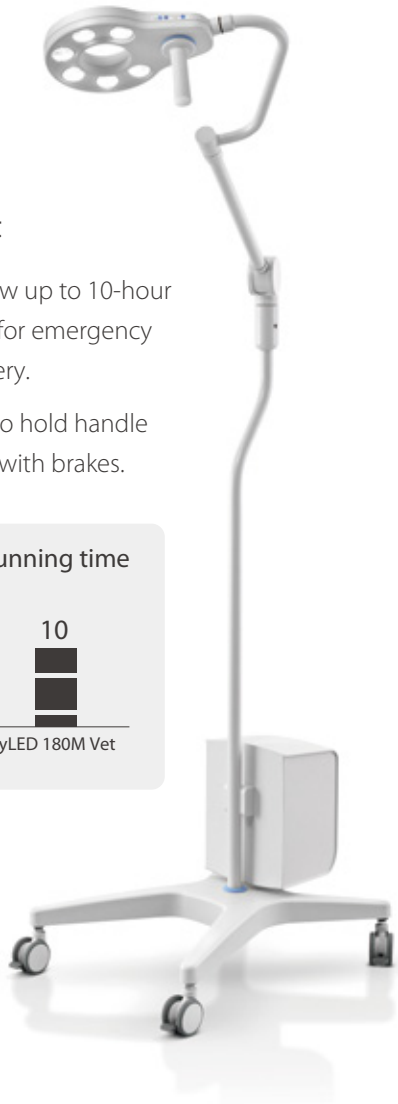
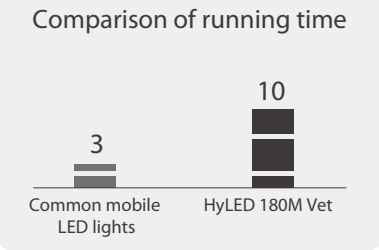
Wall-mounted lights
HyLED 180W Vet



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.



1.Wikipedia, Color Rendering Index.