

Harbin Howell Medical

Products Overview | AboutUs

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HOWELL MEDICAL

Products Overview

Surgical and Examination Lighting System

HE-LED SERIES SURGICAL LIGHTING

LED Surgical Light is significantly brighter, whiter and cooler than any previous technology. With its exceptional lighting specifications, extreme adaptability and energy-efficient technology, so you will get the accurate colors with remarkable shadow control and virtually no heat emission which make our lights more comfortable to work than other lights, and help you provide the best possible patient outcomes. It is ideal selection for modern laminar flow operation room.

Experience the difference in coolness, comfort and clarity.

- ③ Optimum illumination of the wound area with a light intensity up to 180,000 lx
- ③ Uniform, homogeneous lighting for surface and deep cavity procedures with shadow management control ensure the safety
- ③ 100 color settings provide optimal contrast and resolution for any surgical procedure, provide you a truly diverse solution
- ③ Low power consumption and durable LEDs minimize the impact on the environment
- ③ Endoscopy model make it meet the lighting demand for more occasions
- ③ High performed suspension prevent drift and bounce
- ③ Optional Integrated camera and video systems for digital transmission in high-resolution HD format
- ③ More than 80,000 hours effective life-time, extremely reduce the hospital's maintenance cost
- ③ Optional touch screen control panel



HE-LED SERIES SURGICAL LIGHTING

Technical Parameter /Model No.	HE-L700		HE-L500	
Light intensity in one meter (Lux)	40, 000- 180, 000	0-100% dimming range	30, 000- 160, 000	0-100% dimming range
Color temperature (K)	3500-5000	0-100% continues adjustable	3500-5000	0-100% continues adjustable
Color rendering index (Ra%)	85%~98%		85%~98%	
Light field diameter D10(mm)	160-280		160-280	
Depth of focus	50- 180cm		50- 180cm	
Qty of LEDs	80		48	
Lifetime of LED light source (h)	≥ 80,000		≥ 80,000	
Diameter of lamp head (mm)	700		500	
Power consumption (Watt)	80		48	
Sterilizable handle	Yes		Yes	
Supply voltage	110-230 VAC/ 50Hz/60Hz		110-230 VAC/ 50Hz/60Hz	

HE-LED SERIES SURGICAL LIGHTING

Technical Parameter /Model No.	HE-L700	HE-L500
Rotation degrees	340	340
Vertical Adjustment (cm)	≥ 120	≥ 120
Temperature Increase in the Surgical Field	< 1° C	< 1° C
Working Distance(m)	0.5-1.8	0.5-1.8
Head Movement	≥ 4 degrees of freedom	≥ 4 degrees of freedom
Ceiling Height	Most suitable height:2.7-3.1M, Installation methods for other heights are different	Most suitable height:2.7-3.1M, Installation methods for other heights are different

HE-LED SERIES SURGICAL LIGHTING



HE-L700/700



HE-L700/500



HE-L700(Mobile)



HE-L700



HE-L500



HE-L500(Mobile)