

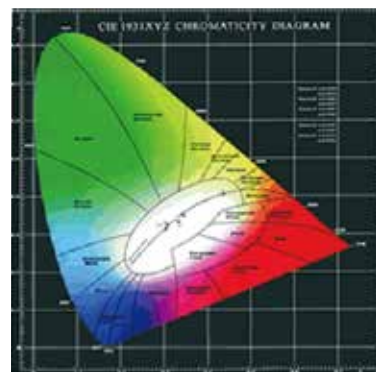


- **Modular Design**

The light head has 114 bulbs that consist of 7 matrix lighting modules. We can acquire an excellent shadowless area with a specially designed light route.

- **Independent Control System**

The group of lights works independently. When one of the groups is broken, it will not affect other groups.



Ultra illumination intensity, realistic reduction of surgical tissue, ultra small and large light spot, and large scope of adjustment in color temperature and illumination are all included features to meet the requirements of surgeons. With a perfect ratio of high temperature and low temperature, the lighting is well distributed in the surgical field. A constant current source ensures long-term and stable illumination.

The camera system

The camera system is capable of high-illumination mode and natural lighting mode.



With one-key white balance, it adapts and focuses to meet the image capture requirements. The expansion function can be added to integrate into the digital OR system.

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Purelit OL9600
Series LED Surgical Lights



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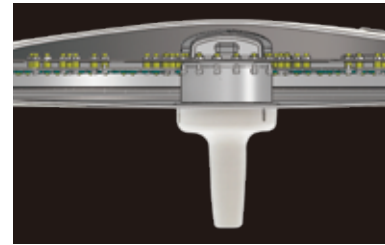
The OL9600 adopts a cold light source and can work for an extended period time without overheating. The OL9600 also utilizes green technology—promoting environmental conservation through energy conservation. Our lights are continuing to deliver optimal lighting quality for customers worldwide

With an ultra-thin streamlined shell, the OL9600 minimizes the turbulence of laminar airflow. The shell is made of environment-friendly composite material. The core LED blubs only produce white light without radiating infrared or ultraviolet rays—reducing the damage of blue light on the retina. Moreover, the core LED blubs have long life, are heatless, and efficient.



• Lighting Compensation

Two features distinguish the OL9600 from conventional LED surgical lights. The head block function gives more comfort to surgeons while infrared induction control allows surgeons to have flexible control of light intensity and the light field. When the surgeon's head blocks the light, the light source of this area will be turned off automatically, while the other light sources will enhance the lighting to compensate.



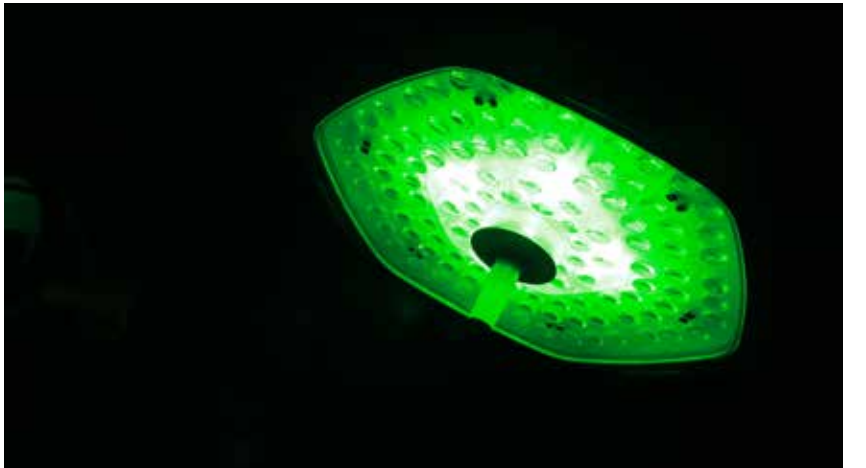
• Customized Parameter Settings

The touchscreen can set the lighting parameters for specific types of operations, such as spinal, deep cavity, cardiac mode, etc. Surgeons can set the parameters convenient to their own operation, and save these parameters to use in later surgeries.



• Unique Endoscopic Lighting

The OL9600 uses a unique green light source during endoscopic surgery to enhance the sensitivity of human eyes to light under darkness, and reduces glare and optical illusion.



The OL9600 series LED surgical light is a comprehensive surgical light suitable for advanced illumination at hospitals and clinics. With CE certificate