

AMCAREMED LED SHADOWLESS OPERATING LAMP

Description

The surgical shadowless operating lamp can adjust the angle of the lamp or the angle of the polished reflective surface into a circular light, so that the dark shadow or dead angle formed by the convex and concave structure of the irradiated part becomes a picture with uniform brightness and provides illumination for the surgical area.

AmcareMed LED series shadowless Operating lamp can widely be used in diversified operation occasion to meet the demand of the illumination, and it is the ideal illumination instrument of the modern operating theater.





AM02-3+4 SURGICAL SHADOWLESS LAMP

AM02 series of surgical shadowless lamps use innovative LED light sources. Each LED lamp lights and reflects its own reflective surface, and converges the optical lens to form different focal points within the surgical area, combining these light areas to achieve the surface and deep strong and uniform illumination, can satisfy the needs of all kinds of surgery.



Features

- Designed to achieve a strong and uniform lighting effect on the surface and deep.
- LED has a life expectancy of more than 50,000 hours, each LED can be replaced separately, ensuring the maximum economic use.
- The bulb is made of safety glass and has high strength and will not scratch.
- The brightness of the illuminance can be adjusted in 16 levels. Reducing (darkening) the illuminance does not change the color temperature of the light in the range of 4600K±500K.
- Optimized heat dissipation technology
- The lamp holder can be adjusted manually, and the lighting range can be adjusted by turning the disinfection handle, so that the lighting area of each lighting module will overlap.



The lamp arm joint adopts double-point touch transmission structure, non-transmission ring structure, 360-degree infinite loop rotation.



Microcomputer control, easy to adjust the brightness and color temperature of the lamp. Hand-held grip, easy to rotate, comfortable and easy to clean.



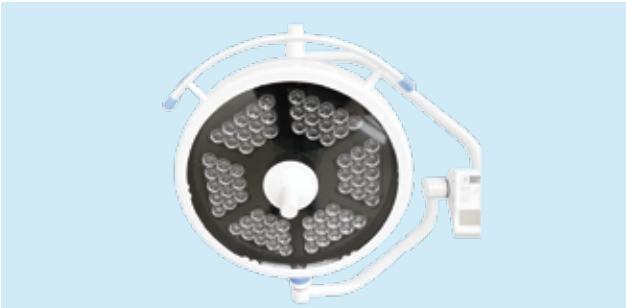
Constant best color temperature, optical focusing, ring-shaped ambient lighting, ergonomic design. Diversified configuration, adjustable brightness and color temperature.

TECHNICAL DATA									
Model	Illuminance	Color temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power	Total LED bulb quantity	Illuminance depth
AM02-3+4	≥140,000Lux	3800±300K 4300±300K 4800±300K	96	390W/m2	160~280mm	>50,000h	AC110-240V 50/60Hz	133pcs 19*3+19*4	≥1300mm

AM700/500 SURGICAL SHADOWLESS LAMP

The Whole reflection optical system is made by CAD/CAM technology, its illumination depth is up to 1300mm; by using color temperature compensation technology, the color reversion is upraised, and it is more suitable for the illumination of the complex surgery such as encephalon surgery and thorax surgery.

The panel is made of German PC(anti-bullet plastic) by injection molding, makes the light softer and more reliable. Equipped with imported balance arm suspension system, which is light and handy, six group joints move together and moves smoothly, positions stably. 360 universal design can satisfy various needed height and angle in the operation. Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.



Features

- All use Germany OSRAM LED bulbs with 50000 hours life
- Color temperature adjustable. There are three color temperature section, respectively is 3800 k,4400 k, 5000 k.
- Lamp head shell using aluminum alloy material, good heat dissipation performance.
- Endoscopic mode
- Single disc type design, concise and beautiful and easy to clean, good air convection, extension, with circular arc handle is convenient to adjust position of lamp holder.
- Each lamp plate with 12/18 led lights the shadowless lamp without shadow degrees is best.
- There are multiple durable disinfection handle, one-click insertion and extraction
- The size of light field adjustable, handle rotating way, manual focusing, reduce electromagnetic interference.

TECHNICAL DATA									
Model	Illuminance	Color temperature	Colour reduction index(Ra)	Total irradiance	Size of light field	Service life of illuminant	Power	Total LED bulb quantity	Illuminance depth
AM700/500	≥120,000Lux	3800±500K 4400±500K 5000±500K	95	390W/m2	160~280mm	>50,000h	AC110~240V 50/60Hz	180pcs 18*6+12*6	≥1200mm