

Single Head Ceiling Mounted Hospital Equipment LED Shadowless Operating/Surgery Light

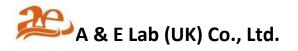
Ceiling Style Surgical Shadowless LED lamp does not release infrared rays, which occurs heat, and prevents tissue drying caused by heat providing a pleasant operating environment. (less than 1 degree of heat above operator's head). It is ECO-Friendly System which uses only 40% of electricity compared to Halogen lam

Model NO.	YDE700/500K	
LED Quantity	44PCS	
CRI	95ra	
Power Supply	90-240V	
Model No	Yde700/500K	
Specification	700mm/700mm	
Origin	Shandong	
Production Capacity	1000 Sets Per Month	
Focus	Manual	
Illuminance	160,000lux	
Light Depth	1400mm	
Guaranty	1 Year	
Transport Package	Standard Wooden Carton	
Trademark	MT-Medical	
HS Code	9405409000	

Products Description:

- Utilising the most advanced LED technology available.
- The new, slim, fully enclosed head with colour touchscreen digital controls is a perfect LED lighting solution complementing all surgical room.
- LEDs (light emitting diodes) have been around for a long time. Recently this technology has become leading-edge in the field of lighting a breakthrough technological solution to the inherent problems of the incandescent light bulb.
- We have taken the technology and developed it further to provide high definition lighting solutions with no infrared, low environmental impact, high brightness, low power consumption, no toxic chemicals and a long operating life
- Full close streamline lamp body design completely meets the demand of the sterilization and high standard of laminar flow purification in the operation room. Curve and slippy surface prevents deposition of dust very well, convenienting purified air reaching the surgery surface of wound smoothly.
- The lamp-chimney is made of aluminum alloy, ultrathin and streamlined shape reduces the air drag, the thickest part of lamp-chimney is not more than 18cm.
- The main light use more than 300pcs independent LED illuminant (lamp cup one main and six vice's structure), divided into multiple independent illuminant group, vice light use more than 200pcs independent LED illuminant (lamp cup one main and six vice's structure), divided into multiple independent illuminant group; every lamp use double CPU control,





every group of LED illuminant controlled by special circuit chip, any group failure will not affect the normal use of shadowless light .

- Use international advanced warm white LED as shadowless illuminant, environmental, lower energy consumption LED bulb, bulb life: ≥80000 hours
- LED do not engender infrared ray and ultraviolet radiation, it doesn't have the temperature rise and tissue damage caused by halogen shadowless light, can accelerate the wound healing after surgery, and has no Radiation pollution
- Adopt restrain interference design of electromagnetic wave, avoid disturb with the other equipment in operating room
- Use satlite oval swing pipe design, can install 4 cantilever devices in complex operating room, also can be reserved per hospital's request, convenient to upgrade and provide the perfect solution for the increasing multi-media request of hospital
- Balanced system using imported German Ondal arm module, more than 5 group universal joints, every cantilever must has more than 3 joints which can be rotated in 360°, equipped with fatigue correcting unit and fix position hand handle device, easy to fix position after long time use

Parameters Details:

Single Head Ceiling Mounted Hospital Equipment LED Shadowless Operating/Surgery Light			
Diameters	700mm	700mm	
Illuminance	160000 Lux	160000 Lux	
Color temperature	3600-5500K (±500K)		
Color rendering index	≥95Ra	≥95Ra	
R9:95 R13:92			
Power of bulb(W)	1W*44pcs	1W*44pcs	
50% Spot diameter d50(mm)	150	150	
10% Spot diameter d10(mm)	280	280	
Depth of Illuminance (cm)	140	140	
The adjusting range of illuminance	25-100%		
Focus system	Electric/ manual/ fixed		
Voltage	90V-240VAC	90V-240VAC	
Frequency	50Hz	50Hz	
Min installation height	2800mm		
LED service life	100,000 hours		
The temperature on surgeon's is less than 1ºC			
Camera system	Optional		
Battery	Optional		



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