

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

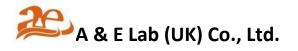
Ceiling Style Surgical Shadowless LED lamp does not release infrared rays, which occurs heat, and prevents tissue drying caused by heat providing a pleasant operating environment. (less than 1 degree of heat above operator's head). It is ECO-Friendly System which uses only 40% of electricity compared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