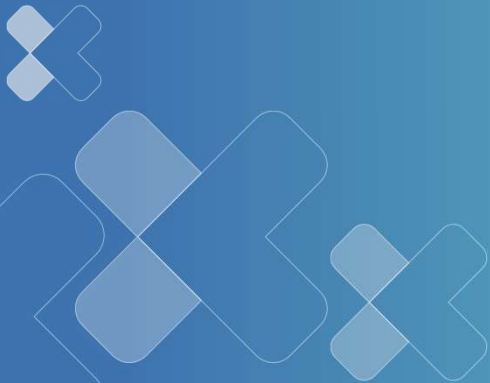


BioMEDanas
FOR BIOMEDICAL ENGINEERING





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MEDICAL LAMPS

LIGHT THE WORLD
ILLUMINATE EVERY DETAIL



LED SHADOWLESS SURGICAL LAMP

SK-L365, SK-L366 shadowless operation lamp is suitable for the requirements of various operation conditions and it is ideal operating lighting equipment for modern operation rooms and clean operation rooms.

FEATURES

- / Adopt imported LED cold light source.
- / Nano coating and die-cast aluminum enclosure creating a streamlined excellent cooling effect. Intelligent touch control screens.
- / The removable handle sheath can be cleaned and disinfected. The no welding titanium alloy arm, imported spring arm is lifted and lowered easily and freely.
- / The imported switch power supply is adopted to control the voltage, making the working voltage permanently stable.
- / Adjustable temperature, R9 features that enhance the red color rendering index. The service life of LED shadowless lamp is long(50,000h).

SK-L366
LED 780/780
Shadowless Surgical Lamp



TECHNICAL PARAMETERS

MODEL	LED 780
Illumination at 1m(lux)	160000
Illumination at 1m on Endo model(lux)	15000
Light field diameter at D10 mm	180±40
Diameter of spot D50(mm)	110±35
L1+L2 Depth of illumination(cm)	150
Color rendering index(Ra)	100±Ra≥85
Red color index R9	R9≥97
Optional color temperature(K)	6700K ±Tc±3500k
Average bulb life (hours)	50000
Heat-to-light ratio(mW/m ² k)	<6
Power supply	100-240V 50/60HZ
Input power (VA)	150W/150W
Ceiling height for installation(cm)	270-320

SK-L365
LED 780
Shadowless Surgical Lamp



LED SHADOWLESS SURGICAL LAMP

SK-L367, SK-L368(NEW)

SK-L367, SK-L368 shadowless operation lamp is suitable for the requirements of various operation conditions and it is ideal operating lighting equipment for modern operation rooms and clean operation rooms.

FEATURES

- / Adopt imported LED cold light source.
- / Nano coating and die-cast aluminum enclosure creating a streamlined excellent cooling effect. Intelligent touch control screen.
- / The removable handle sheath can be cleaned and disinfected. The no welding titanium alloy arm, imported spring arm is lifted and lowered easily and freely.
- / The imported switch power supply is adopted to control the voltage, making the working voltage permanently stable.
- / Adjustable temperature, R9 features that enhance the red color rendering index. With the function of minimally invasive lighting and brain surgery lighting.
- / Electrical focus size adjusted.
- / The service life of LED shadowless lamp is long(50,000h).

SK-L368

NEW LED 780/780
Shadowless Surgical Lamp



TECHNICAL PARAMETERS

MODEL	LED 780 (NEW)
Illumination at 1m(lux)	160000
Illumination at 1m on Endo model(lux)	15000
Light field diameter at D10 mm	180±40
Diameter of spot D50(mm)	110±35
L1+L2 Depth of illumination(cm)	150
Color rendering index(Ra)	100±Ra≥85
Red color index R9	R9≥97
Optional color temperature(K)	6700K, ≥Tc≥3500k
Average bulb life (hours)	50000
Heat-to-light ratio(mW/m ² /lx)	< 6
Power supply	100-240V 50/60HZ
Input power (VA)	150W/150W
Ceiling height for installation(cm)	270-320

SK-L367

NEW LED 780
Shadowless Surgical Lamp



LED SHADOWLESS SURGICAL LAMP

FEATURES

- / Imported Germany second generation balance arm hanging system (optional).
- / With Standard surgical light rotating axis system (Patent).
- / With Standard butterfly spring braking system, preventing drifting (Patent).
- / With standard surgical light focusing (Patent).
- / Imported electric commutator system from Germany; LED bulb imported from Germany.
- / High grade power system from Taiwan.
- / ABS operate handle in the lamp rim.
- / Reflector with big headlight cup, 3w high power LED bulb.

SK-L440

LED 720/720
Shadowless Surgical Lamp



SK-L442

LED 720
Shadowless Surgical Lamp



SK-L443

LED 520
Shadowless Surgical Lamp



SK-L441

LED 720/520
Shadowless Surgical Lamp



TECHNICAL PARAMETERS

MODEL	LED 720 (Basic Model)	LED 520 (Basic Model)
Maximum Light Output Measured in 1m(lux)E _c	160,000	130,000
Color Temperature (Kelvin)	4,300	4,300
Adjustable Color Temperature (Kelvin) (Optional function)	3600-5600	3600-5600
Color Rendering Index (CRI)	96	96
Red Color Index (R9)	96	96
Electronic ray intensity control	standard	standard
Dimming range	10—100%	10—100%
Temp rise(Surgeon head)(°C)	0.5	0.5
Temp rise(surgical field)(°C)	2	2
Effective Focusing Depth(cm)	60-150	60-150
Total Irradiance E _c (W/m ²)	530	530
Radiant Power/ Intensity E _p / E _c (mW/m ² lux)	3.3	3.3
Lighting Spot Size (mm)	100-260	100-260
Bulb Type	LED	LED
Average Bulb Life (hours)	60,000	60,000
Bulb Quantity	48LEDs(main bulb) +96LEDs(auxiliary bulb)	24LEDs(main bulb)+48 LEDs(auxiliary bulb)
Depth of Illumination L1+L2 (cm)	≥130	≥130
Power Consumption of the Light head (W)	70	50
Height adjustment(cm)	118	118
Power Input	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz

LED SHADOWLESS SURGICAL LAMP

FEATURES

- / Imported LED cold light source is adopted , with the ultrathin optical lens.
- / Digital means are adopted for stepless regulation of LED brightness.
- / Light field size can be adjusted by the handle.
- / The removable handle sheath can be disinfected.
- / The service life of LED shadowless lamp is long (80,000h).
- / Color temp can be adjusted.
- / The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable.
- / mould Die-casting eight edge type revolving arm.

SK-L410
LED 5+3
Shadowless Surgical Lamp



SK-L411
LED 5
Shadowless Surgical Lamp



SK-L412
LED 3
Shadowless Surgical Lamp



LED SHADOWLESS SURGICAL LAMP

SK-L413

Moveable LED 5
Shadowless Surgical Lamp



SK-L414

Moveable LED 3
Shadowless Surgical Lamp



TECHNICAL PARAMETERS

MODEL	LED 5	LED 3
Luminancy(adjustable)	40,000-180,000Lux	30,000-160,000Lux
Lamp Bulb Quantity	61	39
Bulb Type	German OSRAM LED bulb	German OSRAM LED bulb
Bulb Life (h)	≥80, 000h	≥80, 000h
Color temp (Kelvin)	3700K ~ 5000K	3700K ~ 5000K
Color rendering index(Ra)	85 ~ 98	85 ~ 98
Light Beam Depth	50-180cm	50-180cm
Diameter of Spot (mm)	160-280mm	160-280mm
Light Adjust Range	1%-100%	1%-100%
Consumed power	65	40
Temp Rise (doctor head)	< 1°C	< 1°C
Input Power	AC100-240V 50/60HZ	AC100-240V 50/60HZ
Best Install Height(m)	2.7-3.1m	2.7-3.1m

LED SHADOWLESS SURGICAL LAMP

FEATURES

- / Imported LED cold light source is adopted , with the ultrathin optical lens.
- / Digital means are adopted for stepless regulation of LED brightness.
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- / Color temp can be adjusted.
- / The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable.
- / mould Die-casting eight edge type revolving arm.

SK-L420

LED 700/500
Shadowless Surgical Lamp



SK-L424

Moveable LED 500
Shadowless Surgical Lamp



SK-L422

LED 700
Shadowless Surgical Lamp



SK-L421

LED 500
Shadowless Surgical Lamp



TECHNICAL PARAMETERS

MODEL	LED 700	LED 500
Illumination (Lux)	40,000-180,000Lux	30,000-160,000Lux
Lamp bulb quantity	80	48
Bulb type	German OSRAM LED bulb	German OSRAM LED bulb
Bulb average life	≥80, 000h	≥80, 000h
Colour temperature (K) adjustable	3700K ~ 5000K	3700K ~ 5000K
Colour rendering index (CRI)	85 ~ 98	85 ~ 98
Illumination depth(mm)	50-180cm	50-180cm
Facular diameter(mm)	160-280mm	160-280mm
Dimming Control	1%-100%	1%-100%
Bulb Power	80	48
Temp Rise (doctor head)	<1 C	<1 C
Input Power	AC100-240V 50/60HZ	AC100-240V 50/60HZ
Best Install Height(m)	2.7-3.1m	2.7-3.1m

SURGICAL LAMP (LED OR HALOGEN)

FEATURES

- / Four-hole type for general outpatient surgical lighting, with brake can be easy moved.
- / SK-L220 with battery is more suitable for cutting off power.
- / SK-L216 is more suitable for small operating room.
- / SK-L217 with brake can be easy moved.
- / SK-L218 with brake battery is more suitable for cutting off power.
- / All these types have optional of halogen and LED light sourcing.



SK-L220
Surgical Lamp



SK-L219
Surgical Lamp



SURGICAL LAMP (LED OR HALOGEN)

SK-L218
Surgical Lamp



SK-L216
Surgical Lamp



SK-L217
Surgical Lamp



TECHNICAL PARAMETERS

MODEL	SK-L220	SK-L219	SK-L216 / SK-L218 / SK-L217
Illumination (lux)	40000	40000	50000
Color temperature (K)	4000 ± 500	4000 ± 500	4000 ± 500
Color rendering index(Ra)	100±Ra≥85	100±Ra≥85	100±Ra≥85
Depth of light beam (mm)	-	≥500	≥500
The value of the total irradiance (service range for temperature rise ≤10 °C)	< 6mW/ m²lx	< 6mW/ m²lx	< 6mW/ m²lx
Total irradiance (Temperature rise on the head of patient under surgical operations ≤2 °C)	≤600mW/ m²	≤600mW/ m²	≤600mW/ m²
Power supply (AC)	220V±10% 50HZ D/C24V	220V±10% 50HZ D/C24V	220V±10% 50HZ
Rated voltage of bulb	24V	24V	24V
Rated power of bulb	100W	100W	125W
Input power (VA)	180	120	150

SURGICAL LAMP (LED OR HALOGEN)

FEATURES

- / SK-L215, SK-L214, SK-L277 use of multiple different sources, by focusing knob, so the beam is irradiated from different locations: surgery, reduce the shadow medical staff head, hands and other parts caused.
- / The illumination can be adjusted according to actual needs.
- / All these types have optional of halogen and LED light sourcing.

SK-L277
Surgical Lamp



SK-L214
Surgical Lamp



SK-L215
Surgical Lamp



TECHNICAL PARAMETERS

MODEL	SK-L215	SK-L214	SK-L277
Illumination of main lamp (lux)	90000	120000	120000
Illumination of supplementary lamp (lux)	-	-	50000
Color temperature (K)	4000 ± 500	4000 ± 500	4000 ± 500
Color rendering index(Ra)	100±Ra≥85	100±Ra≥85	100±Ra≥85
Depth of light beam (mm)	≥500	≥500	≥500
The value of the total irradiance (service range for temperature rise ≤10 °C)	< 6mW / ft ² lx	< 6mW / ft ² lx	< 6mW / ft ² lx
Total irradiance (Temperature rise on the head of patient under surgical operations ≤2 °C)	≤600mW / ft ² lx	≤600mW / ft ² lx	≤600mW / ft ² lx
Power supply (AC)	220V±10% 50HZ	220V±10% 50HZ	220V±10% 50HZ
Rated voltage of bulb	24V	24V	24V
Rated power of bulb	225W	300W	425W
Input power (VA)	280	350	500

LED SURGICAL LAMP

SK-L315 and SK-L314 suitable for ENT, urology, gynecological examination and outpatient surgery half auxiliary lighting.

FEATURES

- / An imported LED cold light source is adopted as operation lighting. AS a genuine cold light source
- / The LED lamp is pure-DC power supplied, without any strobe or harmonic.
- / The service life of LED shadowless lamp is long (50,000).
- / LED has high luminous efficiency and it is impact-resistant and strong to resist crumbling, without mercury contamination. The light it sends contains no infra red or ultraviolet radiation pollution.
- / The unique design of the spring arm.

TECHNICAL CONFIGURATION

MODEL	SK-L315
Illumination (lux)	40000
Color temperature (K)	4000 ± 500
Color rendering index(Ra)	100>Ra≥85
Input power (VA)	180
Tilt left and right	160°
Tilt front and back	190°
Spring arm adjusted	≥600

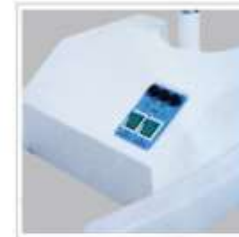
SK-315
LED
Surgical Lamp



SK-314
LED
Surgical Lamp



SK-315 (AC/DC)
LED
Surgical Lamp



LED SURGICAL LAMP

SK-L315A is working for ENT, gynecological examination, obstetrics and general surgical lighting.

FEATURES

- / Imported LED cold light source is adopted as operation lighting, AS a genuine cold light source.
- / Streamline design, beautiful looking
- / The lamp can be flexibly regulated 180 degrees.
- / Battery working (optional).

TECHNICAL CONFIGURATION

MODEL	SK-L315A
Illumination (lux)	≥30000
Color temperature (K)	4500 ± 500
Color rendering index(Ra)	≥95
Input power (VA)	20±10%
Tilt left and right	180°
Tilt front and back	180°
Height adjustment distance (mm)	≥400

SK-315A
LED
Surgical Lamp



SK-315A (AC/DC)
LED
Surgical Lamp



EXAMINATION LAMP

FEATURES

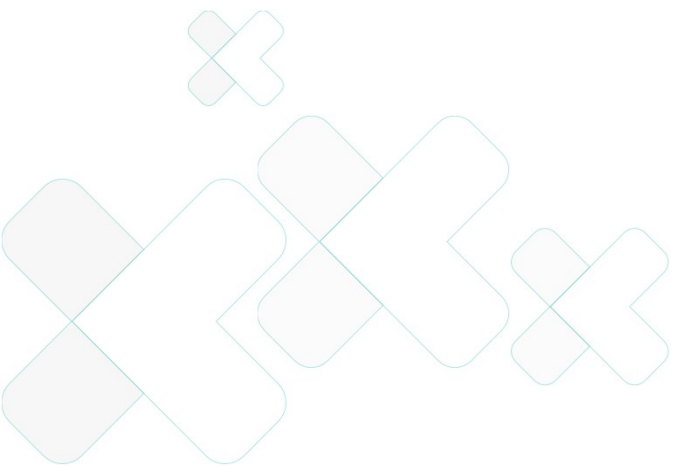
- / Light Source: 60PCS SMD LED(0.2W/pc.High Luminous).
- / Material: Glass+PC+ABS+Fe.
- / LED Bulb(circle type can be replaced).
- / Height adjustment and angle adjustable.

TECHNICAL CONFIGURATION

MODEL	SK-L025
Luminous	1200lm
Lens Diopter	5D
Voltage	AC100-240V
Input power (VA)	14
CCT	Daylight 5600-6000K(Working Mode)
Material	Glass+PC+ABS+Fe

SK-L025 Examination Lamp





**THANKS FOR
WATCHING**

