

INTEGRATED OPERATION LIGHT



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Shadowless operation lamp is suitable for the requirement of various operation conditions and it is ideal operating lighting equipment for modern operation rooms. Based on trichromatic theory, the light is closer to natural light, which is suitable for medical workers to distinguish the color of vascular tissue, nerve ending and so on. Adapts US blue cold light coating technology, the optical filter could effectively filter ultraviolet rays from the spectrum.

Used in Medical unit, Surgery, Operation theatre.

Also known as Integrated surgical Light, Integrated OT light.

OPL4D-12 INTEGRATED OR LAMP



SPECIFICATIONS

Model	OPL4D-12
Illumination	60,000-120,000LX (at 1m distance)
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	500 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700 cm
The Value of total irradiance	<6 mW/m ² lx
Total irradiance	<600 W/m ²
Brightness adjustment	CPU light- dimmer
Maximum Height for installation	2800-3200 mm
Light field diameter	10-28 cm at 1m
Bulb Power	150W 24V Bulb power
Input power	200+10% VA
Power Supply	220V±10% 50Hz

OPL4E-12 INTEGRATED OR LAMP

Imported LED cold light source is adopted as operation lighting. As a genuine cold light source

Streamline design

The lamp can be flexible regulated 180 degrees

Battery working (optional)



SPECIFICATIONS

Model	OPL4E-12
Illumination	80,000-160,000LX (at 1m distance)
Color temperature	4500K±500K
Temperature rise	≤12°C
Temperature rise on the head of the patient	≤2°C
Diameter of lamp holder	500 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥600mm
Facula diameter	φ100~φ280 mm
Brightness adjustment	8-stage continuous
Bulb Voltage	AC24V Bulb power
Input Power	200VA
Power Supply	AC220V±10% 50Hz

OPL4C-16 INTEGRATED OR LAMP

Imported LED cold light source is adopted as operation lighting. As a genuine cold light source

The LED shadowless lamp is pure-DC power supplied, without any strobe or harmonic

The service life of LED shadowless lamp is long (50,000 h)

LED had 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



SPECIFICATIONS

Model	OPL4C-16
Illumination	80,000-160,000LX (at 1m distance)
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	700 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700 mm
The Value of total irradiance	<6 mW/m ² lx
Total irradiance	<600 W/m ²
Brightness adjustment	CPU light- dimmer
Maximum Height for installation	2800-3200 mm
Light field diameter	10-28 cm at 1m
Bulb Power	150/150W 24V Bulb power
Input power	200+10% VA
Power Supply	220V±20% 50Hz

OPL48-14 INTEGRATED OR LAMP

The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable

The removable handle sheath can be disinfected at the high temperature of 135°C

The special radiation filter reducing the heat to the minimum level

The depolished panel is made of imported material makes the light rays softer

The multi-flake retroreflector made of imported aluminum sheet, has the feature of no coating film and never fading

Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory

One lamp holder with two bulbs enables automatic operation of the standby bulb in 1/2 second when the main bulb malfunctions, and it has indicators for damage of main or standby bulb

Imported lamp receptable, Tungsten halogen bulbs of international brand are adopted with average service more than 1500 hrs.

AC/DC, may satisfy when the power failure continues the surgery. (AC / DC type)



SPECIFICATIONS

Model	OPL48-14
Illumination	80,000-140,000/80,000-140,000 LUX (at 1m distance)
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	600/600 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700cm
The Value of total irradiance	<6 mW/m ² lx
Total irradiance	<600 W/m ²
Brightness adjustment	CPU light- dimmer
Maximum Height for installation	2800-3200 mm

Light field diameter	10-28 cm at 1m
Bulb Power	150W 24V Bulb power
Input power	440+10% VA
Power Supply	220V±10% 50Hz

OPL48-16 INTEGRATED OR LAMP

The no welding titanium alloy main arm is adopted, so that the appearance is aesthetic and the rotation is more flexible and convenient.

The removable handle sheath can be disinfected at the high temperature of 135°C.

The depolished panel made of imported material makes the light rays softer

The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable

The special radiation filter reducing the heat to the minimum level

The multi-flake retroreflector made of imported aluminum sheet has the features of no coating film and never fading

Imported lamp receptacle, Tungsten halogen bulbs of international brand are adopted with the average service more than 1500 hours

Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory

One lamp holder with two bulbs enables automatic operation of the standby bulb in 1/2 second when the main bulb malfunctions, and it has indicators for the damage of main or standby bulb



SPECIFICATIONS

Model	OPL48-16
Illumination	80,000-160,000LX x2 (at 1m distance)
Color temperature	4500K±500K
Temperature rise	≤12°C
Temperature rise on the head of the patient	≤2°C
Diameter of lamp holder	700 mm x2
Shift of major and stand by lamps	automatic
Depth of light beam	≥600mm
Facula diameter	φ100~φ280 mm
Brightness adjustment	8-stage continuous
Height for installation	280-320 mm
Bulb Voltage	AC24V Bulb power
Input power	200VA x2
Power Supply	AC220V±10% 50Hz

OPL48-160 INTEGRATED OR LAMP

The titanium alloy boom is not welded, and the appearance is beautiful, and the rotation is more flexible and convenient

Removable handle cover for easy cleaning and disinfection

The matte panel made of imported materials makes the light softer

Imported switching power supply is used to control the voltage, so that the working voltage is always in a stable state

Special heat-tight radiant filter can reduce heat to a minimum

The multi-scale reflector made of imported aluminum plate has no coating and will never fade

Imported brand-name lamp holders, bulbs, the average service life of the bulbs is more than 1500 hours

The dimming circuit adopts CPU control, and the light zone can be adjusted uniformly in increments and decrements, and has the function of brightness memory

Single lamp holder with dual bulb design, when the main bulb fails, the auxiliary bulb will automatically switch and light up, and there will be a warning that the main and auxiliary bulbs are damaged



SPECIFICATIONS

Model	OPL48-160
Illumination	80000~160000 / 60000~120000 LUX (at 1m distance)
Color temperature	4500K±500K
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	700/500 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700mm
The Value of total irradiance	<6 mW/m ² lx
Total irradiance	<600 W/m ²
Brightness adjustment	CPU light- dimmer
Maximum Height for installation	2800-3200 mm
Light field diameter	10-28 cm at 1m
Bulb Power	150W 24V Bulb power
Input power	400+ 10% VA
Power Supply	220V± 10% 50Hz

OPL48-140 INTEGRATED OR LAMP

Titanium alloy balance arm, no welding, never rust
Removable handle sheath, easy to clean and disinfect
The depolished panel made of imported materials makes the light rays softer
Adopt Imported power supply to control the voltage, It can make work voltage permanently stable
The material of reflector are imported aluminium sheet No coating film and never fading
Special heat-tight radiant filter can reduce heat to a minimum
Imported lamp holders, bulbs, and bulbs,the average life of bulb is more than 1500 hours
Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory.
One lamp holder with two bulbs. When the main bulb is failure, the standby bulb lights automatically. And it has indicators for the damage of main or standby bulb.



SPECIFICATIONS

Model	OPL48-140
Illumination	80000~140000 LUX (at 1m distance)
Color rendering Index	100≥Ra≥85
Diameter of lamp holder	600 mm
Shift of major and stand by lamps	automatic
Depth of light beam	≥700 cm
The Value of total irradiance	<6 mW/m ² lx
Total irradiance	<600 W/m ²
Brightness adjustment	CPU light- dimmer
Maximum Height for installation	2800-3200 mm
Light field diameter	10-28 cm at 1m
Bulb Power	150W 24V Bulb power
Input power	220+10% VA
Power Supply	220V±10% 50Hz

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