

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	120000 \geq Ec \geq 60000 Lux
Diameter of spot	10-28 cm
Depth of light beam	\geq 700 mm
Brightness level adjustment	CPU light-dimmer
The value of the total irradiance	<6mW / m ² lx
Diameter of lamp holder	500 mm
Shift of major and stand by lamps	Automatic
Total irradiance	\leq 600W/m ²
Color rendering Index (Ra)	100 \geq Ra \geq 85
Color Temperature (K)	4500 \pm 500 K
Bulb power W (24V)	150 W
Power supply	220 \pm 20% 50 Hz
Input power	200+10%
Ceiling height for installation (cm)	2.7-3.2 m

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	≥ 30000
Color rendering Index (Ra)	$\geq 85\%$
Color Temperature (K)	4500 ± 500 K
Left / Right	180°
Front / Back	180°
Height adjustment distance	≥ 400 mm
Input power	$20 \pm 10\%$

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	140,000 Lux
Adjusting range of illuminance	10-100%
Spot diameter (D50-D10)	130-350 mm
L1+L2 Depth of illumination	120 cm
Color rendering Index (Ra)	≥ 97
Color Temperature (K)	3600K-5500K (± 500 K) variable

Average bulb life (hours)	100,000 h
Power supply	220 V 50 Hz
Power of bulb	1 W x N 64
Light focus system	Manual
Input power	80 W
Ceiling height for installation (cm)	2.8 m

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	160,000 Lux
Adjusting range of illuminance	10-100%
Spot diameter (D50-D10)	130-350 mm
L1+L2 Depth of illumination	140 cm
Color rendering Index (Ra)	≥97
Color Temperature (K)	3600K-5500K (±500K) variable
Average bulb life (hours)	100,000 h
Power supply	220 V 50 Hz
Power of bulb	1 W x N 128
Light focus system	Manual
Input power	160 W
Ceiling height for installation (cm)	2.8 m

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
Diameter of lighthouse (cm)	Combined type
Illumination at 1m	80000-160000 / 80000-160000 Lux
Light field diameter at 1m (cm)	10-28
D10 (mm)	180±40 / 180±40
Diameter of spot D50 (mm)	110±35 / 110±35
L1+L2 Depth of illumination	150 cm
Color rendering Index (Ra)	100≥Ra≥85
Optional color temperature (K)	6700K≥Tc≥3000k
Number of LED's	72/72
Average bulb life (hours)	50000 h
Heat-to-light ratio (mW/m ² lx)	<6
Working distance	70-140 cm
Power supply	110-240 V 50/60 Hz
Input power	180 W
Ceiling height for installation (cm)	2.7-3.2 m

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