

# INTEGRATED OR LAMP OPL48-16



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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.

## 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 lighthead (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 <sup>2</sup> 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



# ***Centrifugen***

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