

# HOLE TYPE OPERATION LIGHT



# HOLE TYPE OPERATION LIGHT

Hole type operation light is suitable for small operating room. Labstac lights uses multiple different sources and by focusing knob, the beam is illuminated from different surgery locations which reduces the shadow by medical staff head, hands and other parts caused. The illumination adjusted according to actual needs.

Used in Medical unit, Surgery, Operation theatre.

Also known as Hole type surgical Light, Hole type OT light.

## OPL39 HOLE-TYPE OR LAMP



### SPECIFICATIONS

Model	OPL39-50I	OPL39-50
Diameter of lighthouse (cm)	Combined type	-
Illumination at 1m	40000-100000 Lux	-
Light field diameter at 1m (cm)	10-28	-
D10 (mm)	180±40	-
Diameter of spot D50 (mm)	110±35	-
L1+L2 Depth of illumination	150 cm	-
Color rendering Index (Ra)	100≥Ra≥85	
Color Temperature (K)	4500±500	4000±500 K
Number of LED's	32	-
Average bulb life (hours)	50000 h	-
Heat-to-light ratio (mW/m <sup>2</sup> lx)	<6	-
Working distance	70-140 cm	-
Input power	60 VA	180 VA
Ceiling height for installation (cm)	2.7-3.2 m	-
Illumination	-	40000 Lux
The value of the total irradiance	-	<6mW / m <sup>2</sup> lx
Total irradiance	-	≤600W/m <sup>2</sup>
Power supply	-	220±10% 50 Hz DC24V
Power of bulb	-	100 W



OPL39-50I



OPL39-50

## OPL39-40 HOLE-TYPE 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	OPL39-40
Illumination	160000 $\geq$ Ec $\geq$ 80000 Lux / 160000 $\geq$ Ec $\geq$ 80000 Lux
Diameter of spot	10-28
Depth of light beam	$\geq$ 700 mm
Brightness level adjustment	CPU light-dimmer
The value of the total irradiance	<6mW / m <sup>2</sup> lx
Diameter of lamp holder	700 / 700 mm
Shift of major and stand by lamps	Automatic
Total irradiance	$\leq$ 600W/m <sup>2</sup>
Color rendering Index (Ra)	100 $\geq$ Ra $\geq$ 85
Color Temperature (K)	4500 $\pm$ 500 K
Bulb power W (24V)	150 / 150 W
Power supply	220 $\pm$ 20% 50 Hz
Input power	400+10%
Ceiling height for installation (cm)	2.8-3.2 m

# OPL3B-12 HOLE-TYPE OR LAMP



## SPECIFICATIONS

Model	OPL3B-12
Illumination	50000 Lux
Depth of light beam	≥500 mm
The value of the total irradiance	<6mW / m <sup>2</sup> lx
Total irradiance	≤600W/m <sup>2</sup>
Color rendering Index (Ra)	100≥Ra≥85
Color Temperature (K)	4000±500 K
Power supply	220±10% 50 Hz DC24V
Power of bulb	125 W
Input power	150 VA

# OPL3A-16 HOLE-TYPE 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 aluminium sheet has the feature of no coating film and never fading
- Imported lamp receptable, Tungsten halogen halogen bulbs of international brand are adopted with the average service more than 1500 hrs
- 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 had indicators for the damage of main or standby bulb



## SPECIFICATIONS

Model	OPL3A-16
Illumination	50000 Lux
Depth of light beam	≥500 mm
The value of the total irradiance	<6mW / m <sup>2</sup> lx
Total irradiance	≤600W/m <sup>2</sup>
Color rendering Index (Ra)	100≥Ra≥85
Color Temperature (K)	4000±500 K
Power supply	220±10% 50 Hz DC24V
Power of bulb	125 W
Input power	150 VA



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)