FLOWER MEDICAL

Basic Series Surgical Light

▶ Product Feature

- German Osram LED, it can work more than 60000 hours.
- With PMMA optical lens, it has unique Polyoptic technology, high light efficiency, low power, and long life of the light source.
- PWM dimming system, color temperature can adjust flexible and illumination memory function.
- Unique Engineering Plastic Aluminum case with Aviation Aluminum Top in two colors.
- Buckle type plugin sterile hand shank, it is easy to clean and sterilize.
- Constant current drive for stable working, and for increasing working life.
- Easy to use operation menu, with a LCD keyboard controller.
- Adjustable color temperature.
- Dimmer spot adjustable.

▶ Available controller

Standard

keyboard controller

▶ Specification

Technique date		
Technical specifications for lights	700 Lamp head	500 Lamp head
Number of beads	84pcs	59pcs
Lluminance (LUX 1 M apart)	50000—160000 Lux	50000—120000 Lux
Light- adjusting mode	Ten grade	Ten grade
Color Temperature(K)	3800-5700K	3800-5700K
Spot diameter (mm)	120-180/180-300	120-180/180-300
Depth of illumination (mm)	≥1200	≥1200
Luminance control	1-100	1-100
Chrominance Index (CRI)	≥93%	≥93%
Color Restoration Index RA	≥93%	≥93%
Head temperature rise (°C)	≤1	≤1
The temperature of the working area of the operative field increased (°C)	≤2	≤2
Operating Radius (mm)	≥2200	≥2200
Working Radius (mm)	600—1800	600—1800
Supply Voltage	220V±22V 50HZ±1HZ	220V±22V 50HZ±1HZ
Bulb power	1W/3V	1W/3V

FL-700/500

FL-500D

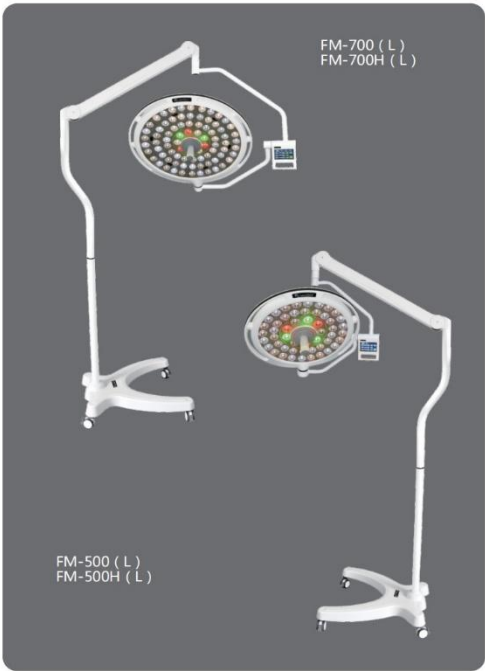FL-700/500 With TV system

FL-700D

FL-700

FL-500

▶ Configuration selection

Model No. (H means high sandard)	Performance configuration	Installation	Red and green Light Mode	Shadow compensation	Digital Focusing	Wireless remoter control	Gesture sensing function	Built-in HDLight central camera
ZW-K700/500H	(700+500 head light)	Mounted ceiling	◉	◉	◉			
ZW-K700/500	(700+500 head light)	Mounted ceiling	◉	○	○			
ZW-K700/700H	(700+700 head light)	Mounted ceiling	◉	◉	◉			
ZW-K700/700	(700+700 head light)	Mounted ceiling	◉	○	○			
ZW-K500/500H	(500+500 head light)	Mounted ceiling	◉	○	◉			
ZW-K500/500	(500+500 head light)	Mounted ceiling	◉	○	○			
ZW-K700H	(700 head light)	Mounted ceiling	◉	◉	◉	Optional function	Optional function	Optional function
ZW-K700	(700 head light)	Mounted ceiling	◉	○	○			
ZW-K500H	(500 head light)	Mounted ceiling	◉	○	◉			
ZW-K500	(500 head light)	Mounted ceiling	◉	○	○			
ZW-K700H(L)	(700 head light)	Portable	◉	◉	◉			
ZW-K700(L)	(700 head light)	Portable	◉	○	○			
ZW-K500H(L)	(500 head light)	Portable	◉	○	◉			
ZW-K500(L)	(500 head light)	Portable	◉	○	○			

FM-700/700
FM-700/700H

FM-700/500
FM-700/500H

▶ Specification

Model	700 Lamp Head	500 Lamp Head
Voltage	AC100-240V 50Hz/60Hz	
Illumination	40000-160000Lx(adjustable)	40000-120000Lx(adjustable)
Colourtemperature	4000-5000K(adjustable)	
Lamp power	145VA	110VA
Spot diameter	180-280mm(adjustable)	
Colour rendering index	≥90	
Lighting depth	≥950mm	≥1100mm
Brightness Level Dimming	9 steps	
LED Bulb life	≥50000h	
LED Bulb number	81pcs	51pcs
LED Bulb brand	German Osram	
LED Bulb maximum power	Bulb rated power 3W Bulb actual power less than 1w	

FM-700
FM-700H

FM-500
FM-500H

FM-700（L）
FM-700H（L）

FM-500（L）
FM-500H（L）

FLOWER MEDICAL

Petal series Surgical Light

920mm
830mm
950mm
480mm
480mm
700mm
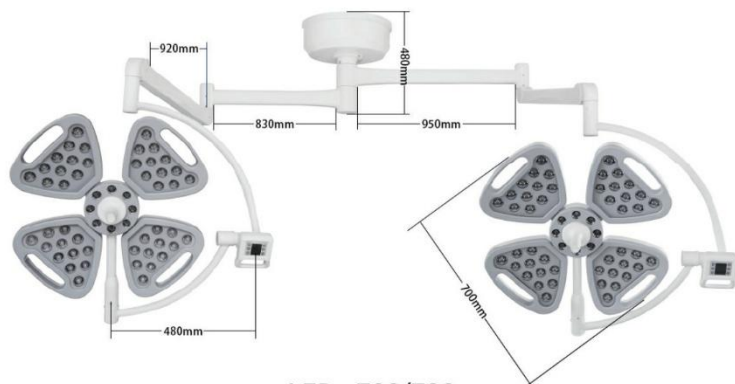
LED - 700/700

LED - 700

LED - 700D

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- Buckle type plugin sterile hand shank, it is easy to clean and sterilize.
- Constant current drive for stable working, and for increasing working life.
- Ultra-slim case with only100mm dome thickness.
- Easy to use operation menu, with a LCD keyboard controller.
- Dual lamps mutual control technology, it is convenient for medical staff to operate (Optional)
- HD central camera or independent external camera system.(Optional)
- With gesture sensing (optional) and wireless remoter control function.(optional)
- Manual focusing and digital focusing(Optional)
- Spot diameter and video image directions can adjust.

Features

Freely adjust illumination
The illumination can be adjusted freely within the range of 1%-100%, which can compensate for the eye fatigue of doctors in longer operations.

Nanocoating
Nano-coated heat sink creates an ideal heat dissipation effect.

Microcomputer control panel
The integrated power switch and push-button digital display dimming can be adjusted according to requirements.

Multifunctional disinfection handle
The non-contact sensor design integrates the most commonly used light spot adjustment and illuminance adjustment functions of the doctor into the handle to improve the efficiency of the operation.

ENDO
For endoscopic surgery, the light source can be converted with one key, which is convenient to use

Imported LED light source
New drilling lens design: excellent optifical design, more unique outlook, higher light efficiency, less glare.

Exam Light Series

LED - 1

LED - 2

LED - 3

JD1700
Single Ceiling Type

JD1700
Floor Type

JD1700 (Double Ceiling)

LED - 5

LED - 6

LED - 9

FLWY - L4
LED lamp

FLWY - L5
LED lamp

FLWY - H5
Halogen lamp

KS - Q35 / KS - Q50
Halogen Spot Exam Light

KS - Q3
LED Spot Exam Light

KS - Q3D
LED Spot Exam Light

KS - Q10 - 03W
Wall mounted

KS - Q10 - 03C
Ceiling type

KS - Q10 - 03A
Mobile type