

SK-LLD7070A

LED OPERATION LAMP

www.sksurgitech.com

SKSurgitech™
by Saikang Medical



Product data sheet

SK-LLD7070A

FEATURES AND HIGHLIGHTS



The LED surgical shadowless lamp is composed of multiple lamp bulb. The bulb has a longer life than the traditional shadowless lamp. It can be round or petal-shaped. It is fixed on the balance arm suspension system. What's more, it is stable in positioning and can be moved vertically or cyclically to meet different heights during surgery.

Technical parameters

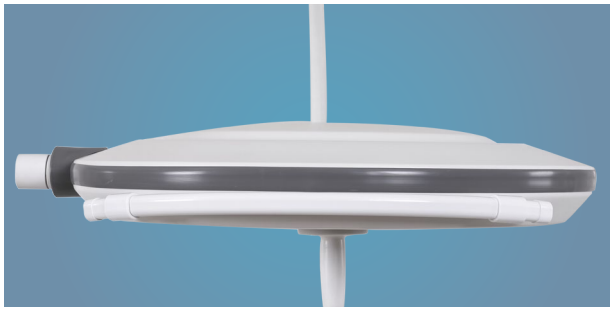
- Diameter of lighthead (mm): 700/700
- Lamp Head Diameter: 700±10mm, 700±10mm
- Illuminance (at 1m Distance): 40000–160000 lx (stepless adjustment), 40000–160000 lx (stepless adjustment)
- Color Temperature (Kelvin): 4200–5500K (stepless adjustment), 4200–5500K (stepless adjustment)
- Color Rendering Index (CRI): 95, 95
- Light Spot Diameter (d10): 160–280mm, 160–280mm
- Light Spot Distribution (d50/d10): 52%, 52%
- Light Beam Depth (60% Ec): 405mm, 405mm
- Maximum Total Irradiance (Ee): ⩽573W/m², ⩽573W/m²
- Irradiance Density (Ee/Ec): ⩽3.4 mW/(m²·lx), ⩽3.4 mW/(m²·lx)
- Light Beads: Osram
- Light Bead Type: LED
- Number of Light Beads: 80+80
- Power per Light Bead: 1W/piece
- Temperature Rise in Surgical Field: ⩽1°C
- Temperature Rise on Surgeon’s Head: ⩽1°C
- Average Service Life of Light Beads: ⩾60000h
- 1.77-inch LCD Screen
- One-touch Deep Cavity Mode, One-touch Normal Mode

Technical configuration

- ☑ Rotating arm parts 1 set
- ☑ Balance arm 2 set

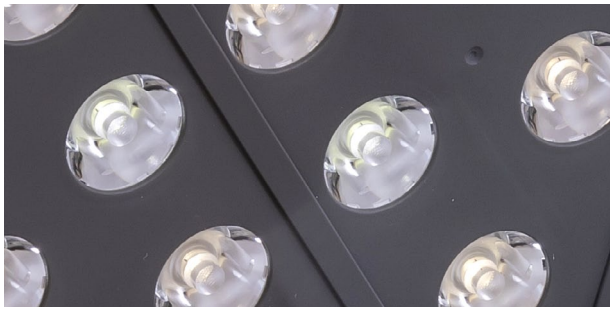
Material technology

The lampshade shell is made of high-quality aluminum alloy. The surface adopts the high-voltage electrostatic spraying process, and the imported environmentally friendly antibacterial plastic powder that used to ensures that the product meets the requirements of surgical hygiene.



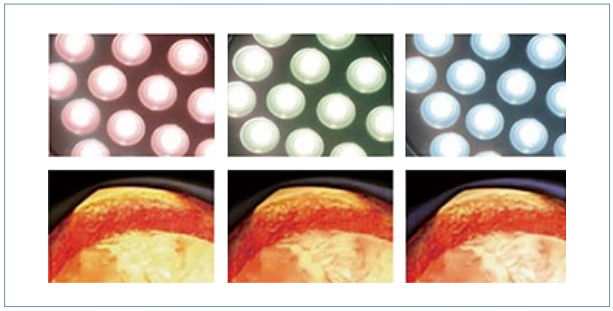
Bulb

Using the original imported LED lamp beads from Osram, Germany, the average service life is as high as 80,000 hours, which is 30 times longer life than halogen lamps.
Under the same brightness, the energy consumption of LED is only 1/10 of that of ordinary incandescent lamps and 1/2 of that of halogen lamps.



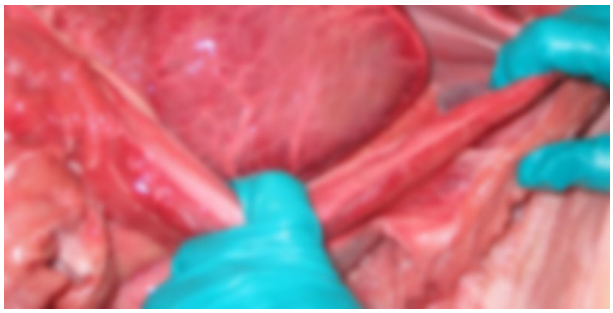
Color temperature&Illumination

Using a new type of LED cold light source, the illuminance can reach 160,000 Lux, which can realize stepless dimming and non-multi-speed adjustment; the color temperature is in the range of 4200K-5500K, and the stepless dimming is non-multi-step adjustment. While meeting the high illuminance, adjust the lighting parameters according to the needs of different surgeons, so that the surgeon's perception of light is soft and no glint.



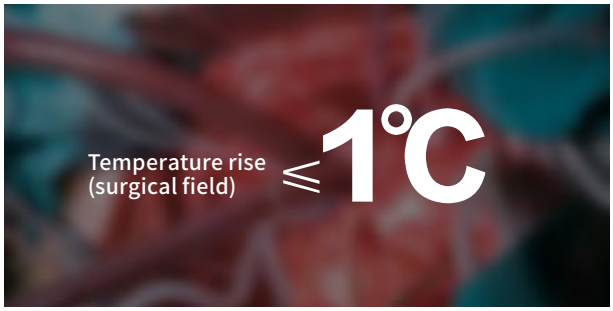
Color rendering index

The color rendering index is 95, which truly reflects the color of human tissues. It is suitable for various surgical scenes and greatly reduces the visual fatigue of medical staff due to long-term operations.



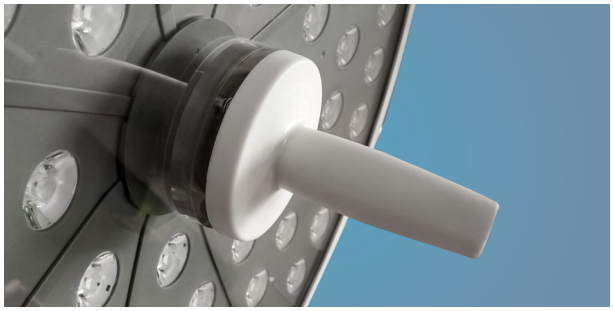
Temperature rise (surgical field)

Temperature rise (surgical field):⩽1℃, this can avoid tissue drying due to high temperature and rapid blood clots at the wound.



Operating handle

The middle-mounted disinfection handle can be detached at will, the temperature resistance is more than 134℃, and the high pressure resistance is not less than 205.8kPa, which is convenient for high temperature and high pressure steam sterilization.



Other functions

With one-key cavity mirror mode, can easily switch between standard mode and cavity mirror mode.









CONSTANT INNOVATION


Design


Research


Manufacturing


Maintenance


Service

WORLDWIDE BRANCHES

USA
Saikang Medical Technology, Inc.
17800 Castleton St Ste 180,
City of Industry, 91748, California.
Tel.: +1 949648 2776

United Kingdom
UK Healthward International Ltd.
Dept. 111, 196 High Road Wood
Green, N22 8HH, London.
Tel.: +44 2032399738

Russia
Saikang Medical Russia LLC
Truda 174,
454080 Chelyabinsk.
Tel.: +7 (351) 214 5566 / 8811 / 1516

East Africa
Saikang Medical Solutions Ltd.
Viraj Complex Unit 3, Mombasa
Road, P.O. Box 14262-00800, Nairobi.
Kenya.
Tel.: +254 733 704 690

Middle East
Saikang Medical Supplies LLC
X22-S03 England Cluster,
International City, Dubai.
United Arab Emirates.
Tel.: +20 128 8962497

SKSurgitech™
by Saikang Medical

Jiangsu Saikang Medical Equipment Co., Ltd.
STOCK CODE: 870098

No. 35, Lehong Road · Zhangjiagang (Jiangsu) · China
+86 18021231901 · 24/7
export@sksurgitech.com
www.sksurgitech.com

Company video

General catalogue