



GIMA

PROFESSIONAL MEDICAL PRODUCT

LAMPADA A LED LUMEX con manico - su carrello

LUMEX LED LIGHT with handle - trolley

LAMPE À LED LUMEX avec poignée - chariot

LUZ LED LUMEX con asa - carro

LUZ LED LUMEX com pega - carrinho

LUMEX LED-LICHT mit Griff - Wagen

LAMPKA LED LUMEX z uchwytem - wózek

ΦΩΤΙΣΜΟΣ LED LUMEX με λαβή - τροχήλατος

LUMEX LED-AMPA med handtag - vagn

LUMEX LAMPKA MED LED med handtag - vagn

LED LAMPKA LUMEX s rukojetí - na vozíku

LUMEX LED SVJETILJKA s ručkom - kolica

LUMEX LED LÁMPKA fogantyúval - kocsí

LUMEX LED LYS med håndtag - vogn

LUMEX LEDLICHT met handgreep - trolley

REF

KS-LA-6D (GIMA 49045)



Shantou Easywell Electronic Technologies Co., Ltd
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Building, No.16 Lianjiang Road, Longhu District, Shantou,
China - Made in China



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1. Introduction

Model: KS-LA-6D

Intended Use: Medical lamp is designed for the partial spot illumination during the medical examination and minor operation, it mainly applies for dental, hospital out-patient, etc.

Feature: light weight, easy movement, focus on any angle by flexible arm, convenient operation.

Component: Lamp head, goose neck, control box, mobile base, stand tube and electric line.

2. Characteristics

LED light source

A) Heat Management

LED: IR-free technology from LED light source reduces the sensation of heat for the patient and doctor
Tissue do not dry up as rapidly during the intervention under very low radiation from the light

B) Positioning and long reach

articulated arm ensures the light is easy to move and position and does not drift. NO dead-angle examination and long reach range is presented.

C) Energy-Saving

LED service life 40 times longer than Halogen bulb

Low energy consumption: 1/3 less than conventional Halogen system

D) Application Range:

Close examination, Over bed, Intensive care, Recovery rooms, Dermatology, Aged care, Gynecology, Ophthalmology, E.N.T, minor surgical, Home Decoration, office and work station etc.

E) Ergonomic and Hygienic Design

Movements are possible thanks to the removable and sterilizable handle, which can be used in any surgery or laboratory.

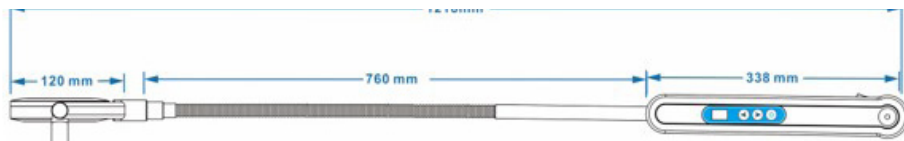
- Cleaning method: Manual
- Mechanical: Cleaning machine or disinfecting machine
- Method of disinfection: Wipe or soak with 75% alcohol
- Sterilization method: Sterilization with Ethilene Oxyde
- Sterilization by soaking glutaraldehyde solution

3. Technical Data for KS-LA-6D

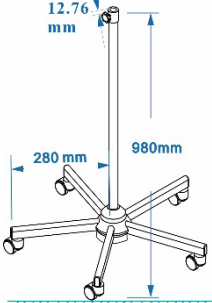
Light Intensity	45,000 Lux @ D=50cm / 18,000 Lux @ D=100cm
Control System (KS-LA-6D)	5 levels of Light-touch brightness control and on/off
Lamp head	Diameter=120mm Thickness =28mm with removable handle
Diameter of Light Spot	180-300mm @ D=50-100cm
Light source	6 LEDS
LED life span	50,000 hours
Color Temperature	3500K-4500K
Power consumption	6W
Input Adapter	100-240V 50 MHz
Output Adapter	DC 24V - 1A
Input Power	18VA
Class of protection	Class II
Battery (optional)	Lithium polymer battery 850mAH
Charging time of battery (optional)	2 hours
Using time of battery (optional)	4 hours

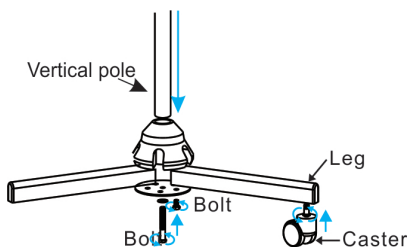
4. Interface of product

a) Top part of Lamp



b) Mounted type of lamp
(Standard DM02 mobile base)

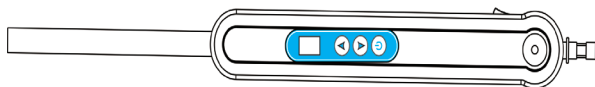
	Code of base	DM02 white
	Material	Thicker powder coated steel
	Castors	D=60mm with 5 braker
	Base	D=580mm, 5 branches, 3.4kgs
	Vertical pole	L=850mm



Firstly, install the wheel at one end of the square pipe, take out the plastic connector in the middle of the base and connect with five square pipes. After locking with circular iron sheets, insert the riser into the middle of the intermediate connector in the base. The screw is locked from the bottom to the top. Take out the upper part of the lamp, insert it into the riser and lock it with the pattern screw.

5. Installation and adjustments

- 5.1 Open the package, and check if everything is ok. If any problem, pls contact manufacturer or distributors.
5.2 Mobile stand installation:



49045: light touch ▲ on the control box to increase or ▼ decrease the brightness, adjustment range is 1~5 grade display on the LED screen.

6. Operation

- 6.1. Position adjustment of lamp head: Hold lamp head in one hand, hold vertical column assembly in one hand, pull lamp head to adjust lamp head position.
6.2. Brightness adjustment:

7. Notes, Warnings and Suggestive Contents

- 7.1. This product has no components that can be repaired by customers. Do not disassemble them when they break down.
7.2. The fasteners of each connecting part of the product must be checked frequently to prevent accidents due to looseness;
7.3. The product shall not be used in high temperature, high humidity and flammable places.
7.4. This product must use single-phase with insurance socket.

7.5. Make sure to cut off the power supply (disconnect the power plug) before installation, maintenance and after use.




















7.6. When cleaning and disinfecting the product, the power supply should be cut off first, and the liquid should be prevented from penetrating into the lamp.

7.7. Before replacing the burnt bulb, the power supply of the inspection lamp should be cut off, and the lamp should be fully cooled before carrying out or wearing heat insulation gloves.

7.8. Transparent panels can not be polished or cleaned with high alkali detergent, benzene, gasoline, acetone, carbon tetrachloride and butyl fibrinolysis, only with soft cleaning cloth and neutral soap.

7.9 All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located.

8. The explanation of the graphics, symbols

	The label indicates that if misused, [injuries or damage to items may occur].		Caution: read instructions (warnings) carefully
	WEEE disposal		Follow instructions for use
	Product code		Keep away from sunlight
	Lot number		Keep in a cool, dry place
	Date of manufacture		Medical Device
	Class II applied		Brightness levels and battery indication light
	Serial number		Manufacturer
	Medical Device compliant with Regulation (EU) 2017/745		Authorized representative in the European community
	Light intensity up and down		Power on/off
	Imported by		

9. Troubleshooting

Problem	Analysis	Resolution
The switch is on, but the light is not on	Adaptor is connected not well	Check the adaptor
		Check the electric cord
	no power supply	Check the AC power supply source
Brightness can not be adjusted	PCB defective	Contact manufacturer
	PCB defective	Contact manufacturer

10. Warranty

Warranty of 12 months from loading port

◆ The warranty period in normally using, the trouble because of the product quality, the consumer depends on the warranty slip and invoice enjoys free maintenance service.

◆ Without our factory permit after installation of other features, the fault doesn't lie within the scope of warranty.

◆ Mark on products such as model NO., date of the factory has been changed, delete, move or not identify, will not enjoy free maintenance service.

- ◆ As falling ,squeezing, soak, damp and other human factors caused the fault is not within the scope of warranty.

11. Condition of storage

Environment Temperature: -10°C~55°C

Relative Humidity: ≤85%

Atmospheric Pressure: 700hPa~1060hP

12. Packing List

Items (standard for mobile)	Number
Lamp body (lamp head /arm/control box)	1 set
Vertical tube	1 pc
Square steel tube	5 pcs
Castors	5 pcs
Plastic base connector	1 pcs
Screws and tool	1 bag

ELECTROMAGNETIC INTERFERENCE (EMI)

Test	Test Requirement	Test Method	Class / Severity	Result
Conducted Emission (150K to 30MHz)	EN 60601-1-2	CISPR 11:2003/A1:2004/A2:2006	Group 1, Class B	PASS
Radiated Electromagnetic Disturbance 30MHz to 1000MHz	EN 60601-1-2	CISPR 11:2003/A1:2004/A2:2006	Group 1, Class B	PASS
Harmonic Emission on AC, 50Hz to 2kHz	EN 60601-1-2	EN 61000-3-2:2006/A2:2009	Clause 7 of IEC61000-3-2	PASS
Flicker Emission on AC	EN 60601-1-2	EN 61000-3-3:2013	Clause 5 of IEC61000-3-3	PASS

Electromagnetic Susceptibility(EMS)

Test	Test Requirement	Test Method	Class / Severity	Result
ESD	EN 60601-1-2	EN 61000-4-2:2009	Contact Air 6 kV 8 kV	PASS
Radiated Immunity	EN 60601-1-2	EN 61000-4-3:2006/A2:2010	80%, 3V/m 1kHz, AM	PASS
Electrical Fast Transients (EFT) on AC	EN 60601-1-2	EN 61000-4-4:2012	AC 2.0kV	PASS
Surge Immunity on AC	EN 60601-1-2	EN 61000-4-5:2006	1kV D.M.† 2kV C.M.†	PASS
Injected Currents on AC	EN 60601-1-2	EN 61000-4-6:2014	3Vrms (emf), 80%, 1kHz Amp. Mod.	PASS
Power-frequency magnetic field	EN 60601-1-2	EN 61000-4-8:2010	50/60Hz,3A/m	PASS
Voltage Dips and Interruptions on AC	EN 60601-1-2	EN 61000-4-11:2004	<5 % UT for 0,5 cycle 40 % UT for 5 cycles; 70 % UT for 25 cycles; <5 % UT for 5 s	PASS

Remark:

* U_T is the nominal supply voltage.

† D.M. – Differential Mode.

C.M -- Common Mode.



Disposal: The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment.

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.