

XIV Configuration list

No.	Name	Specification	Quantity	Remark
1	Lamp head	21W	1	
2	Lamp arm	——	1	
3	Wall mounting plate	250x105x5mm	1	
4	Standard parts	M10x100mm internal forcing expansion screws	2	
5	Nut fitting cap	——	2	
6	Decorative cover	φ53mm	1	
7	Fuse	F2AL250V-φ5x20mm	1	
8	Tool	4# Hexagon socket screw	1	
9	User Manual	A5	1	
10	Quality Certification	——	1	
Remark: Please check the goods according to the configuration list within 3 days after receiving the goods.				

2023-11-28 version 3

Dental Examination Light

USER MANUAL



XIII Warranty card and maintenance card

Warranty card

Company name:			
Address			Phone No.
Product name		Model	
Serial Number		Manufacture date	
Sale date			
Fault description:			
Remark: The warranty of our products is 18 months since release date. Please keep the certificate and instruction properly, and send it back with the product when repairing.			

(Please truthfully fill in this form, cut it according to the dotted line and send it back to our company, thank you for your cooperation)

Maintenance card

Company name:			
Address			Phone No.
Product name		Model	
Serial Number		Manufacture date	
Sale date			
Fault description:			
Remark: You can enjoy 30% discount for the maintenance services even if you use this card over the quality assurance period.			

◆ If the marks on the product such like model, serial number, date of manufacture has been altered, deleted, moved, or unidentifiable, will not provide free warranty service.

◆ If moving falling, squeezing, soaking, moisture and other failures caused by human factors can not enjoy our free warranty service.

◆ The production date shown on label, service life is 5 years, we provide lifetime maintenance.

◆ After-sales

telephone:+86-25-52777091 Mobile(WeChat):+86-13675197193

XII Transportation and storage condition

Environment temperature:-40℃~55℃

Relative humidity:30%~80%

Atmospheric pressure:500hpa~1060hpa

I Brief introduction

KD-2021W-3 Medical examination light (hereinafter referred to as "examination light") adopts international brand LED as light source, with good light color, high brightness and long service life. It is composed of lamp head, lamp arm, power supply box and wall bracket.

The product is wall-mounted, lamp head and arm can rotate freely, positioning is accurate, no automatic displacement phenomenon, large handle operation, multi-angle lighting, location selection is easy and convenient .

This product adopts wide voltage input, low voltage output power supply mode, stable performance, safe and reliable. Suitable for outpatient, medical beauty, gynecology, ophthalmology, dermatology local inspection lighting, also suitable for industrial inspection lighting.

II Performance summary

The design and production of the examination light strictly executes the first part of the safety requirements of medical electrical equipment GB9706.1-2007: general safety requirements which is guaranteed in safety.

III Basic parameters

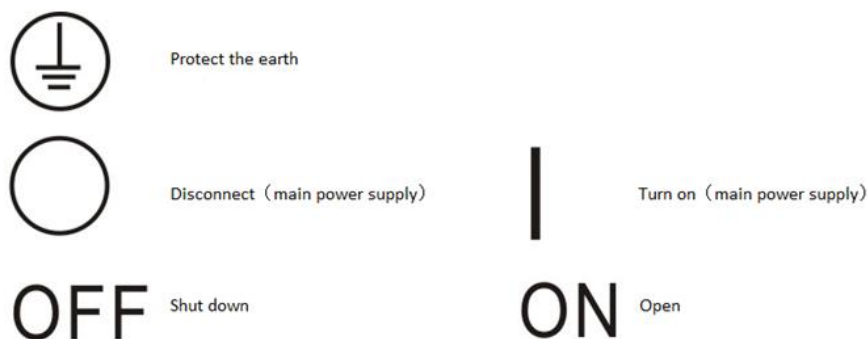
1. Supply voltage: AC100~240V 50/60Hz
2. Input power: ≤50VA
3. Fuse: F2AL250Vx1
4. Product specification: LED 3Wx7
5. Product color temperature: 4000K~5000K

IV Security tips and symbol instructions

1. When the lamp is in use, basic safety precautions should be followed to reduce the risk of fire, electric shock or personal injury.
2. Read the instructions carefully and follow the instructions.
3. Maintenance of the lamp must be carried out by professional personnel. It is recommended that the operator wear an electrostatic

ring to work..

4. Turn off main power supply when not in use.
5. Before cleaning the lamp, disconnect power supply, remove power plug, do not use liquid or spray cleaner.
6. Do not use the product near water. Do not press anything on the power cord of the lamp.
7. Before replacing bulb, turn off power switch and remove power cable.
8. The brightness of the lamp is very high, it should not be observed with eyes in front to prevent eye damage.
9. Illustration of symbols:



V Working environment

Environment temperature: -5°C ~40°C

Relative humidity: 35%~75%

Atmospheric pressure:700hPa~1060hPa

IX Failure judgment and eliminating methods

(This requires professional operation)

Failure phenomenon	Reason	Solution
The light is not on	1. power supply line is disconnected.	Switch to a live supply line
	2. power cable is not properly connected.	Reconnect power cable
	3.The fuse is blown.	Open the fuse box (15) and replace the fuse with the same specification.
	4.Light switch is not on.	Turn clockwise to open switch③
	5.Brightness is at the lowest end.	Turn brightness adjustment③ clockwise to increase brightness.
	6.Bulb is damaged.	Replace bulb with the same specification.
	7.Other faults	Contact our service department

X Bulb replacement

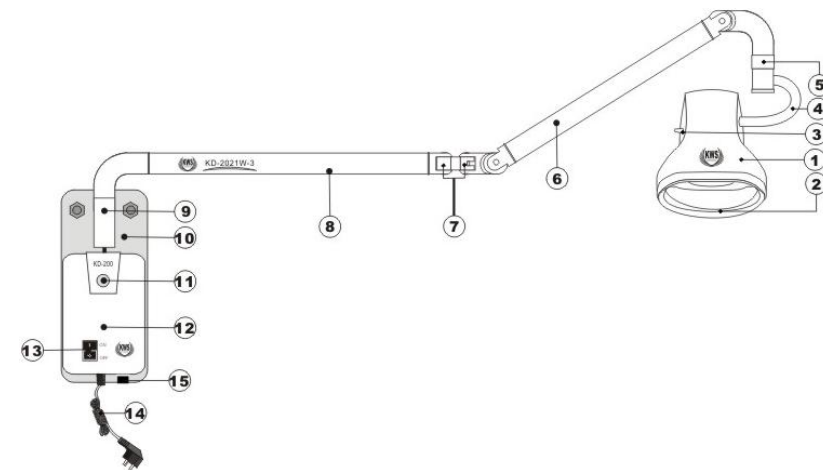
The lamp bulb is LED light source,the normal life up to 10000 hours, no need to replace normally.In case of any failure,please inform the manufacturer in time for processing.

XI After-sales service

- ◆The product warranty period is 18 months.
- ◆During warranty period, under normal use, any failure caused by the product's own quality problems can be repaired free of charge by warranty and purchase invoice.
- ◆Light bulbs are consumable accessories.
- ◆Without the company's permission to modify or install other functions after the failure, not within the scope of warranty.

4. Put the old replaced bulbs in waste bucket, do not throw it about.
5. The lamp body of the examination light is strictly prohibited from hanging other items than the equipment.
6. Every two months, use 75% alcohol cotton to remove dust on the surface of the examination light (note: Prevent liquid from seeping into the examination light when cleaning).
7. Check the nut, level, damping, switch, brightness, noise and other parts of the examination light every quarter. If any abnormality is found, repair it in time.
8. There is no waste in the use of this examination lamp, only a small amount of waste generated during each inspection and maintenance, bulb replacement, put it in the designated garbage bin according to the local environmental protection regulations.
9. The service life of the examination light is 5 years, after the expiration, if the product is scrapped, its metal, electronic devices, plastics, glass and other materials should be uniformly and strictly treated in accordance with local environmental regulations, to prevent its spread or reuse, and to minimize the risk of environmental pollution.

VI Product interface(Picture 1)



- ①lamp head ②handle ③switch/brightness adjustment ④Elbow support
 ⑤Protective cover ⑥lifting arm ⑦horizontal steering joint ⑧balancing arm ⑨Shaft sleeve ⑩wall mounting plate ⑪indicator ⑫power box
 ⑬power switch ⑭power cord ⑮Fuse box

Picture 1

VII Usage

1.Check before use

- 1) Open the package and check the goods for any missing parts or damage.
- 2) Check whether the model、 name and quantity are in keeping with “configuration list”;Please contact with factory to get properly resolved if you find something incorrect.
- 3) Read the instructions carefully against the product, keep in mind the precautions, and know how to use.

2.Installation

- 1)Wall installation confirmation: Wall quality is an important factor of the safety when the lamp installation and use.General concrete wall, brick

wall, steel wall, 24 brick body wall can meet the safety requirements.

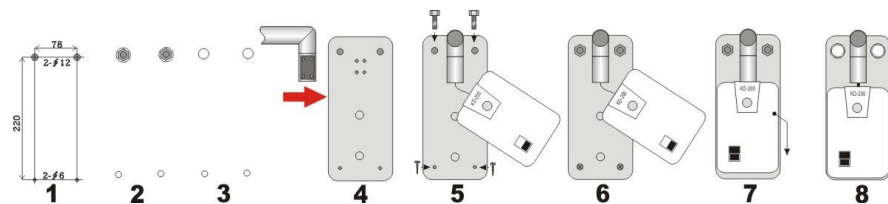
[Note: Gypsum board, plastic partition, thin wooden wall, etc., cannot meet the safety requirements, it need to confirm before installation]

2) Installation of expansion screws by scribing holes: Draw four holes on the selected wall according to Picture 2-1 or with wall mounting plate ⑩. Drill two embedded holes with depth 110mm by $\phi 12$ mm drill on the upper end. After removing the debris, install the internal forced expansion screw, hit the tail with a hammer to make the end face of expansion tube level with the wall or lower than the wall, tighten the expansion screw with a wrench, then remove the screw; Drill two 30mm deep embedded holes with a $\phi 6$ mm drill at the bottom and load the expansion tube, as shown in Picture 2-2、3.

3) Shaft sleeve installation: According to Picture 2-4、5, remove four screws on Shaft sleeve ⑨, connect them with wall mounting plate ⑩, then fasten the four screws.

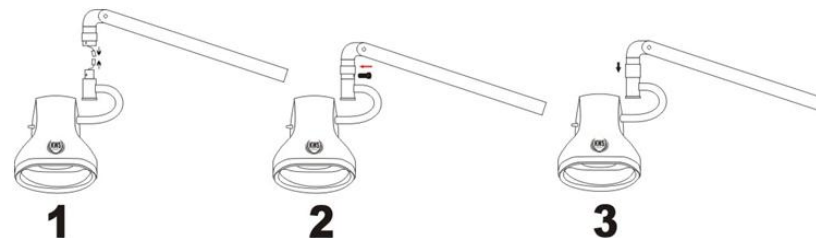
4) Wall hanging plate installation: Install wall mounting plate ⑩ on the wall. Use two forced expansion screws on the top and two $\phi 4$ mm self-tapping screws on the bottom. Confirm firmly, as shown in Picture 2-5、6. [Note: after installing balance arm ⑧, the front, left and right positions should be at the same level.]

5) Power box installation: Align the two round holes on the back of the power box with the two metal buttons on the wall mounting plate, press the power box down to make the back of the power box and the wall mounting plate fit the wall, push the power box into place, and finally install two expansion screw decorative sleeves, as shown in Picture 2-6、7、8.



Picture 2

6) Lamp head installation: Set the protective cover ⑤ to the lifting arm ⑥, connect the power connector of the lamp holder ① and the lifting arm ⑥ firmly, and then install the fixing screws on the docking of the lamp holder and the lifting arm, and put down the protective cover, as shown in Picture 3-1、2、3.



Picture 3

3.Usage:

- 1) Connect power cable to network power supply and power cord ⑭. Turn on power switch ⑬, indicator ⑪ on, turn switch/brightness adjustment ③ clockwise, the lamp is on.
- 2) Rotate switch/brightness adjustment ③ can adjust brightness of the lamp from 0 to maximum.
- 3) Holding handle ②, lighting height of the lamp can be adjusted by stretching up and down, lighting angle can be adjusted by using the elbow support ④ as fulcrum, the left and right positions can be adjusted by using the horizontal steering joint ⑦ as fulcrum.
- 4) When the lamp is not in use, place lamp holder ① close to shaft sleeve ⑨ with fulcrum of the horizontal steering joint ⑦.

VIII Attentions

1. The examination light should be assembled and reinforced according to technical requirements in the manual.
2. Install the examination light on the wall that meets the installation requirements.
3. Installation and debugging of the examination light should be completed by professionals.