Operation and Storage Environments

Operating Temperature: +5 ° C to +40 ° C

Operating humidity: 20% RH to 80% RH

Operating pressure: 86kPa to 106kPa

Storage temperature: -10 ° C to +55 ° C

Storage pressure: 50kPa to 106kPa

Storage humidity: ≤93%RH

Product warranty

LED dental lamp warrantly period of 12 months.

Packing list

LED lamp x 1 Handle x 2 Decoration cover x 1 Hexagonal wrench x 1

Standard symbols


Attention



Cataloguenumber


Keep dry


Refer to instruction manual/booklet


WEEE



EuropeanUnion agent


For indoor use only


Fragile

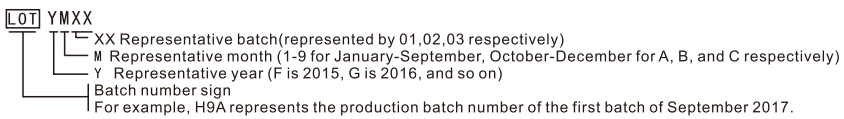

CE marked product


Vertical up


Manufacturer



LOT Number



COXO®


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USERS GUIDE

⚠ WARNING

- The function of the dental light is to illuminate the oral cavity of the patient during dental operations.
- The dental light must be used by qualified staff.
- Installation of the system must only be performed by specialized staff.
- Check that the power voltage, shown on the data plate, corresponds to the mains voltage.
- Do not block the dental light beam for patients at risk (i.e. with eye conditions). Use correct protection and precautions.
- The dental light must be installed on a specific control and supply device, such as a dental unit, or with an electrical system that complies with standard IEC 364-1 and “national regulations for installation of electrical systems in areas for medical use”.
- Do not carry out any maintenance work when the power is on; disconnect the power cable from the mains beforehand.
- Do not introduce items or tools into slits in the dental light head that could touch live points.
- Patients at risk (e.g. children with eye diseases) must not stare at the dental light beam.
- Always use appropriate protection devices and precautions. Manufacturer suggests using the protective eyeware BLUE-BAN or BABY BLUE-BAN (for children).
- Not suitable for installation in environments containing flammable gas.
- Do not spray detergents-disinfectants directly on the head.
- For cleaning plastic parts of the dental light, Do not use detergents disinfectantscontaining: AMMONIUM HYDRIXIDE –SODIUM HYDROXIDE – METHYLENE CHLORIDE – METHYL ALCOHOL. Failure to comply with this indication might cause: • risk of breakage of plastic parts.
- Do not carry out maintenance or replacement work on parts other than those shown in the manual. Any operation not indicated in the manual could compromise the safety aspect of the device.
- Disinfect surfaces with hydroalcoholic disinfectants.
- The dentist is obliged to used the disposal protection sleeves on the handles of the dental light or ensure that versions without this possibility are sterilized.

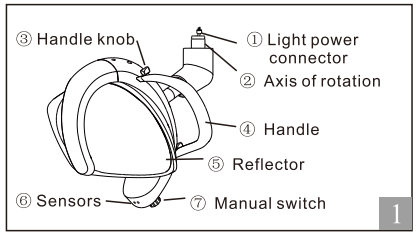
Technical data

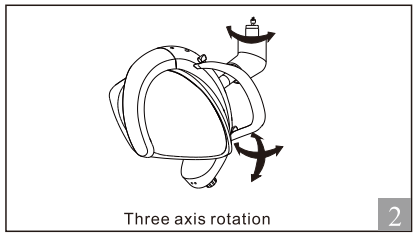
1. Power voltage (without transformer): AC 12-24V,50/60Hz
2. Absorbed power: 15VA
3. Lux: ＞30000lux (distance spot 700mm)
4. Luminous spot dimensions: ＜180x90mm (distance spot 700mm)
5. Color temperature: 4000-6400K
6. Shaft dimensions: 22mm
7. Inductive distance:0-90mm
8. LED service life:5000H
9. Net Weight:2.0Kg

Intended Use

This product is intended to provide illumination for dentists during oral surgery or diagnosis.

Structure and composition



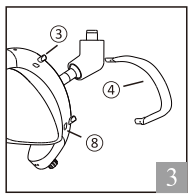


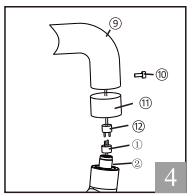
Installation

1. Handle mounting and dismounting:

As shown in Fig.3,

- Place handle④ into hand jack⑧
- Fixed the handle knob③
- To remove the handle, unscrew Handle knob "③" and pull out the handle④.





2. connection to the power supply connector:

As shown in Fig.4,

- Put ⑪ on ⑨ ;
- Connet ① and ⑫;
- Insert ② into ⑨ and fixed with ⑩ .

Caution:

* Before installation,please confirm the power supply is AC12-24V, else will cause dental light damage.
* The dental light arm force must be over than 2.0Kg.

Instructions for use

This dental light has manual and sensor control modes.

1.Turning on and off

-Manual switch: press the button to turn on and off, as shown in Fig.5

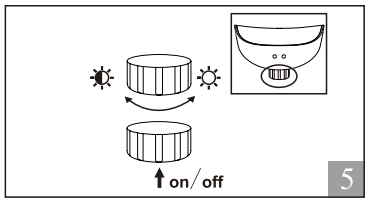
-Sensors:move near to the sensor up to a maximum distance of 80mm,as shown in Fig.6

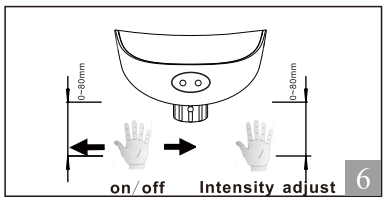
2.Adjustment of light intensity

-Manual switch: rotate the "Manual switch" in a clockwise or counterclockwise direction,as shown in Fig.5, when it reaches the limited intensity,the machine will beep.The Manual switch must be handled delicately to prevent breakage.

-Sensors:place the hand near the sensor until desired intensity is reached,from the maximum to the minimum level and from the maximum to the maximum level,as shown in Fig.5, when it reaches the limited intensity, the machine will beep.

- **When the dental light is turned on, the intensity will be at the level memorized when it was turned off last time.**





Cleaning and disinfection

1. For cleaning, manufacturer recommends using the detergent clean with a soft cloth and isopropyl alcohol.
2. Do not use detergents containing surfactants or water repellent agents, whose build up can leave halos.
3. Hydroalcoholic disinfectants with 70% isopropyl or ethyl alcohol are suitable for disinfection.
4. For cleaning plastic parts , Do not use detergents-disinfectants containing ammonium Hydroxide - Sodium Hydroxide - Ethylene Chloride -Methyl alcohol.
5. Slight halos do not impair the quality of light.
6. The light handles should be sterilized 15 min at 121℃ or 4 min at 135℃.

Attention:

* LED dental lamp can not be sterilized.