DI.CO.VIS.21.00

UE DECLARATION OF CONFORMITY

The manufacturer **G.COMM SRL** with Registered Office and manufacturing site at
Via XXV Aprile, 20 - 20884 Sulbiate (MB) – Italia

DECLARES

under its sole responsibility that the medical devices

ITEM NUMBER	DESCRIPTION	MD	BASIC UDI-DI	UDI-DI
86010000	VISION LIGHT HEAD WITH POTENTIOMETER	(01)	805571574VIS001G5	8055715740064
86050000	VISION ® light head switch	(01)		8055715740071
86060000	VISION ® light head sensomatic	(01)		8055715740088

comply with the requirements of the Regulation (EU) 2017/75 of the European Parliament and of the Council of 5 April 2017 on medical devices of Class I.

The intended purpose of the devices is the illumination of oral cavity for treatments of preventive care, restoration, endodontics, oral surgery, implantology and periodontology. The intended users are only medical personnel authorized to perform dentistry treatments. The devices are not intended for profan users. The devices are intended for the following types of patients: children (4-17 years), adults (18-75 years) and elderly (over 75 years), whose weight and clinical conditions to diagnose, treat and / or monitor are not relevant.

The manufacturer, fully conscious to fulfill its obligations and under its sole responsibility, declares to have realized all measures to comply with the Directive 2011/65/EU as amended in Annex II by the Delegate Directive (EU) 2015/863 for the devices listed above. The devices listed above do not contain, for the restricted substances regulated, higher concentration values in respect to those tolerated in the article 4 and in the Annex II of the Directive 2011/65/EU as amended by the Delegate Directive (EU) 2015/863.

The manufacturer also states that this Declaration of Conformity is valid only in case:

1. periodical servicing is performed only according to G.COMM's instructions and by G.COMM's authorised personnel;
2. no part of these products is replaced with spares which are not approved by G.COMM;
3. no appliance is connected to these products after their first delivery without prior G.COMM's authorisation.

Sulbiate, _____

CE

Giaffreda Nicola
CEO

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SYMBOLS USED IN THE MANUAL AND IN THE PRODUCT


Factory


Year of Production

Serial Number

Reference Number


CLASS II Appliance


Type B applied part


EEC Marking


Follow the instructions


Alternating Current


Ground


Auxiliary Power Connector

Switch ON


Switch OFF


Low Intensity light


High Intensity light


GENERAL WARNING
Read carefully and follow the instructions to avoid dangerous situations


PROHIBITION
This should not be done to avoid damage to the medical device


SAFE TEMPERATURE LIMITS


Separate collection of electrical and electronic devices

SAFETY WARNINGS

Before using the operating light system, please read the instructions contained in this manual and please pay attention to the following indications:

- the intended use is to illuminate the oral cavity in prophylaxis, restoration, endodontics, dental surgery, implantology, periodontology and oral medicine and the lamp should only be used for this purpose only by medical personnel.
- device installation must be realized only by authorized staff;
- dental operating light must be installed on appropriate medical devices such as dental treatment unit, or supplied in conformity to electric supply specifications exposed in this manual and with wiring in conformity to laws applied for medical local;
- the lamp must be powered by an isolating transformer from the mains supplying 2 MOPPs in accordance with EN 60601-1;
- do not stare into beam;
- the operator is advised to warn the patient not to fix the light beam.
- do not realize maintenance or light cleaning during light switched on;
- do not introduce any object in the ventilation holes that could realize a contact with in voltage point;
- clean light surface according to the indications contained in this manual;
- do not cover the ventilation light holes; clean and control periodically holes to assure a correct ventilation;
- do not leave unguarded the light switched on for long period;
- spray or liquid vapour entry in the light envelope has to be avoid.

INTRODUCTION

Thank you for purchasing the dental operating light "VISION".
"VISION" has been designed on 3 main basis: aesthetic, functionality and simplicity, putting particular attention to research in design and materials.
The result is a modern operating light, with a soft, fresh, pleasant design, but also very stable and functional. "VISION" will give you high level performanc-

es and will surely meet with any of your professional requirements.

FUNCTIONS

The operating light "VISION" permits excellent illumination of the oral cavity thanks to a bright light pattern without shadows, and emission of a cold white light. To ensure maximum security the light is equipped with a protection shield and the bulb mounted is a low pressure UV STOP bulb.

If you're still experiencing difficulties please call our Helpline +39 039 6060420

DESCRIPTION OF THE DEVICE

The VISION lamp consists of an optical unit to be used in connection with a G.COMM lamp arm (see section "TECHNICAL DESCRIPTION - ACCESSORIES").

The installation activity involves the electrical and mechanical connection of the optical unit to the lamp arm and of the lamp arm to the dental unit / ceiling attachment / stand (see sections "ELECTRICAL CONNECTION and INSTALLATIONS"). Installation must be carried out exclusively by a technician authorized by G.COMM.

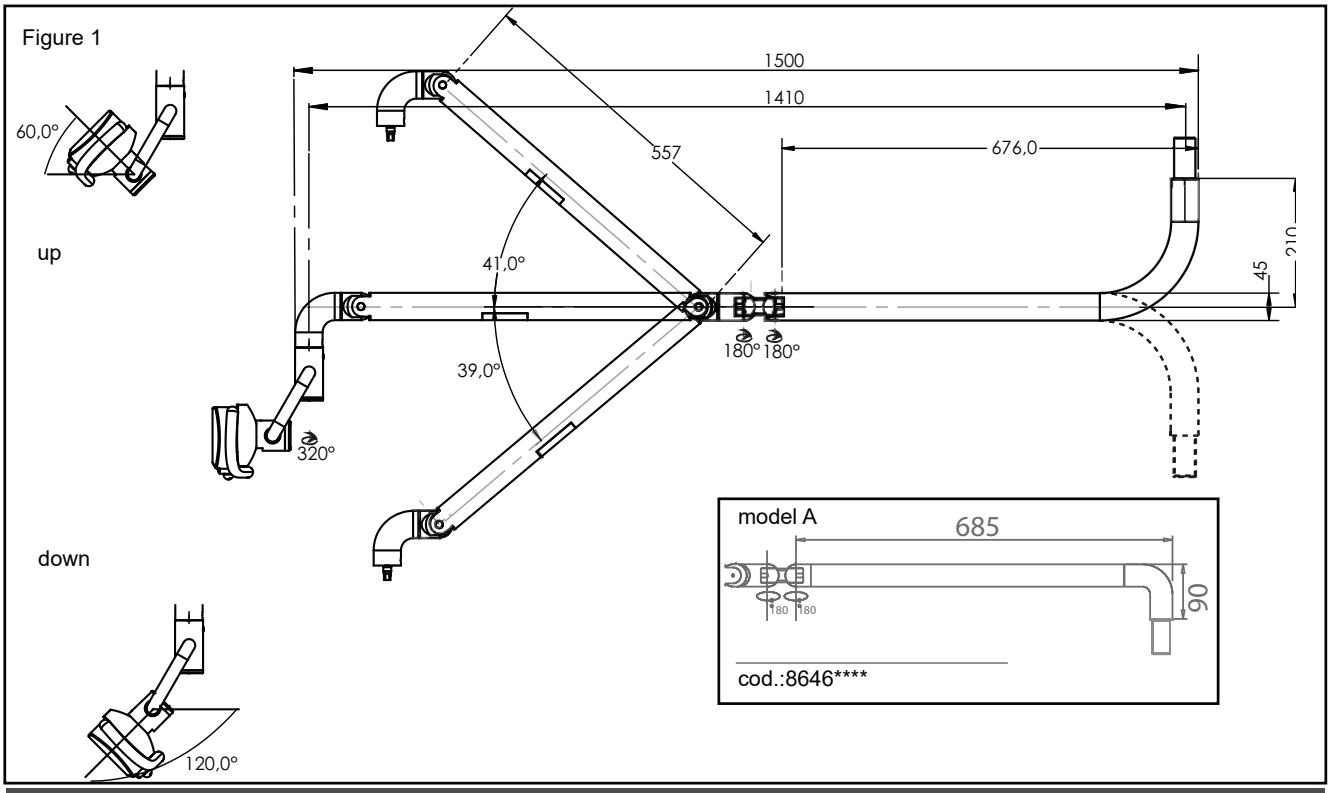
The maintenance activity involves cleaning the screen and the handles and can be carried out by the operator at the end of each treatment (see "MAINTENANCE" section).

Extraordinary maintenance includes all the activities not provided for in the MAINTENANCE section of the device and must be carried out exclusively by a technician authorized by G.COMM (see "REPAIRS" section).

INTENDED USE

The intended use is to illuminate the oral cavity in prophylaxis, restoration, endodontics, odontostoma-

Figure 1



TECHNICAL DESCRIPTION

SPECIFICATIONS:

External aspect:	fig. 1
Dimensions:	fig. 1
Weight:	light head 1.650Kg. operating light arm 5.150Kg.
Possible movements:	fig. 1

PRODUCT CHARACTERISTICS:

Illumination, colour temperature, light pattern:	As per ISO 9680 regulations.
Focal distance:	70 cm
Bulb:	OSRAM halogen tungsteno UV STOP IRC Low pression H-Star 12V-50W

tological surgery, implantology, periodontology and oral medicine.
The intended users are exclusively doctors who are authorized to perform treatments in the dental field.
The device is not intended for lay users.
The device is intended for the following types of patients: children (4-17), adults (18-75 years) and elderly (over 75 years), whose weight and clinical conditions to diagnose, treat and / or monitor are not relevant.
The lamp is expected to come into contact only with the doctor who uses it through the handles.
G.COMM declines all responsibility deriving from the incorrect or improper use of the lamp.

CLASSIFICATION OF THE DEVICE

- Device with protective screen and class I type B handles (CEI EN 60601-1).
- Class I device according to Directive 93/42 / CEE "Medical Devices".
- IPX0 device not protected against the penetration of liquids and not suitable for use in the presence of flammable anesthetic mixtures with air, oxygen or with nitrous oxide.
- Appliance not suitable for use in oxygen-rich environments.

Appliance not suitable for use with flammable agents.
- Apparatus for continuous operation.

ACCESSORES:

Surgical Cart	Cod. 83040000
Cieling mount	Cod. 82100011
Wall Mount:	Cod. 82090000
Trolley	Cod. 83060000

ESSENTIAL PERFORMANCE

According to what expressed in EN 60601-1: 2006 for essential services are meant all those services of the DM whose absence or degradation could introduce an unacceptable risk. Although not introducing any unacceptable risk that could in any way affect the fundamental safety of patients and operators, the minimum performance of the DM is considered to be those indicated in the TECHNICAL DESCRIPTION section regarding emission spectrum, light intensity, color temperature, IRC (index of color rendering) and luminous spot size.

ELECTRICAL WIRING

"VISION" must be electrically connected as follows (feed voltages intended 50 W load):

Switch / Sensomatic version (see fig. 2):
Pos. 1 GREEN WIRE: 0 Volt
Pos. 2 BLACK WIRE: 13.2 Volt ~ (alternating current)
Pos. 3 WHITE WIRE: 11.5 Volt ~ (alternating current)
Potentiometer Version
Pos. 1 GREEN WIRE: 0 Volt
Pos. 2 BLACK WIRE: 17 / 24 Volt (alternating current)

Minimum power of the transformer for all applications: 60VA 50 Hz.

ATTENTION: To avoid the risk of electric shock, this appliance must only be connected to power supply networks with protective ground.

It is necessary to use an insulated transformer from the net 230 V 50Hz and in the respect of safety regulations also make sure that, during the primary winding of the transformer, a bipolar switch would be put before in accordance with its regulations with a power of 10 A–250 V and that in series during the secondary windings would be put 2 rapid fuses 5 A.

Figure 2a - Light Head "Switch" / "Sensomatic" connection

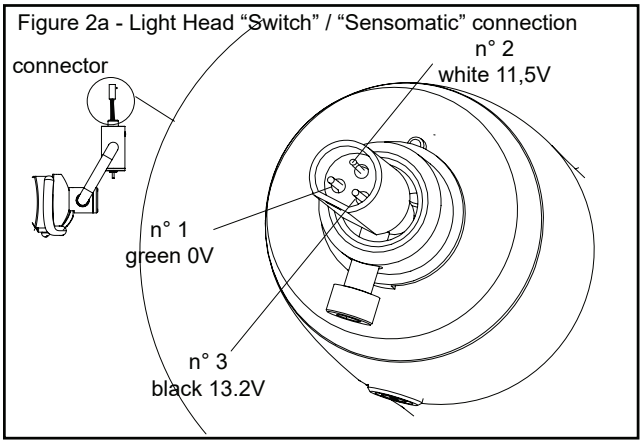
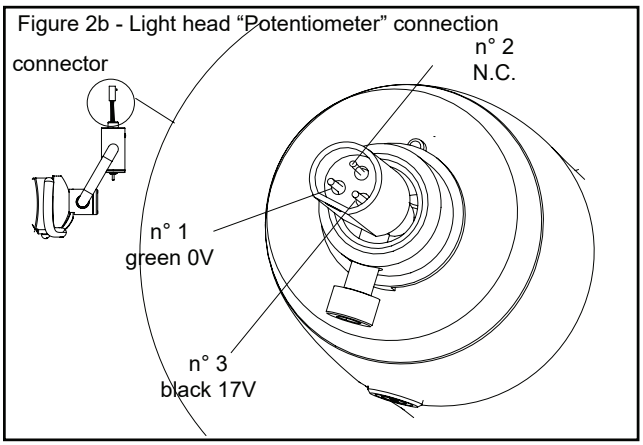
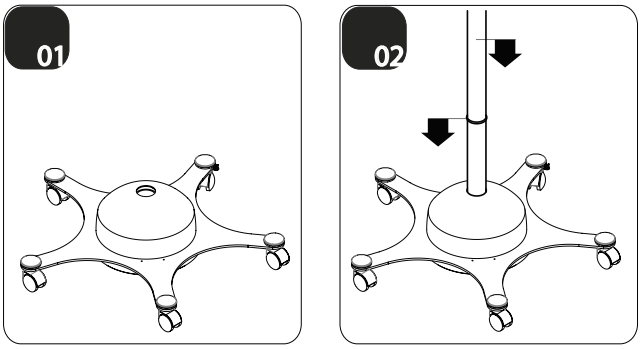


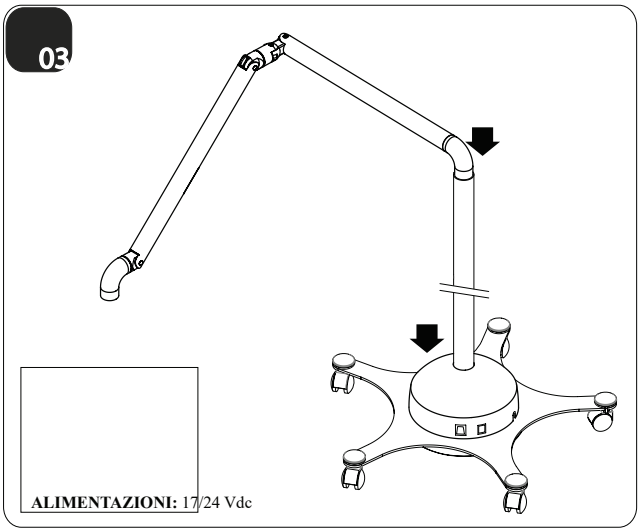
Figure 2b - Light head "Potentiometer" connection



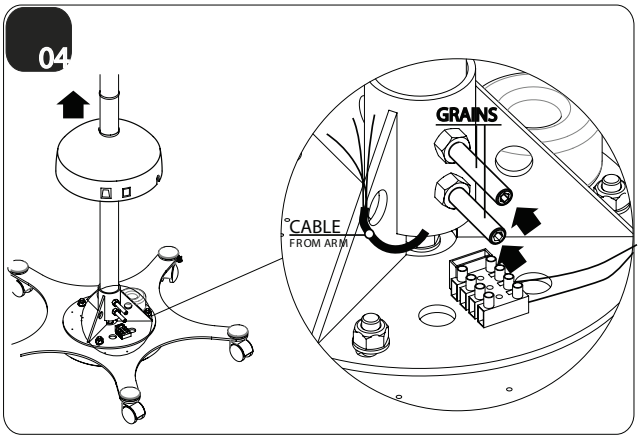
TROLLEY APPLICATION



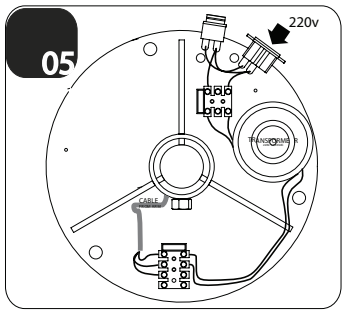
01 - Place the stand on the ground.
02 - Insert the pole into the special housing and let the transparent o-ring go down the pole.



03 - Insert the arm cable inside the pole and let the cable out of the base of the stand.
04 - Raise the dome and tighten the screws as shown in the figure.



05 - Connect the green and black cable to the power supply and leave the white cable free.
POWER SUPPLY: 17/24 Vdc



Lower the dome and then the o-ring till meeting point with the dome.

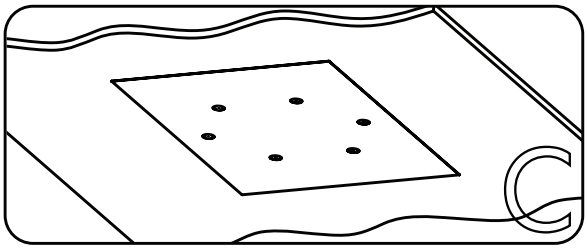
CEILING APPLICATION

⚠ **Assembly must be carried out by specialized technicians.**

⚠ **The power supply to the room, where the installation will take place, must be disconnected during the works.**

⚠ **Make an inspection of the room by evaluating the conditions of the ceiling, if it is able to withstand the weight of the application.**

⚠ **Refer to fig. A and fig. B for the positioning of the base.**
- With reference to fig. C fix the drilling template to the ceiling and drill six holes in correspondence with the respective indications.
- Insert the plugs in the holes made and fix the plate (1) to the ceiling with reference to fig.D.
- Insert the pole (7) in the special housing of the adjustable plate (2).
- With reference to fig.E tighten the pole with the appropriate screw (12). Insert the special perforated bush into the housing and use it as a drilling guide for the pole. Perform the operation on both holes.
- Insert the screws (13) in the appropriate slots as shown in fig. F
- Insert 4 flanged nuts M8 in the appropriate threaded connections, insert the adjustable plate (2), insert 4 M8 nuts. Referring to fig.G, set the correct flatness of the two plates.
- With reference to fig. F insert the transformer (5) and fix it with the appropriate nut (11) and its washer (10).
- Insert a guide cable to hook onto the arm cable (15) to be able to carry out the electrical connection at a later stage.
- Insert the dome (6) and the O-ring (14) to tighten everything on the pole with reference to fig. I.
- Insert the shank of the arm (15) in the pole (7) making first attention to unscrew the screws (16)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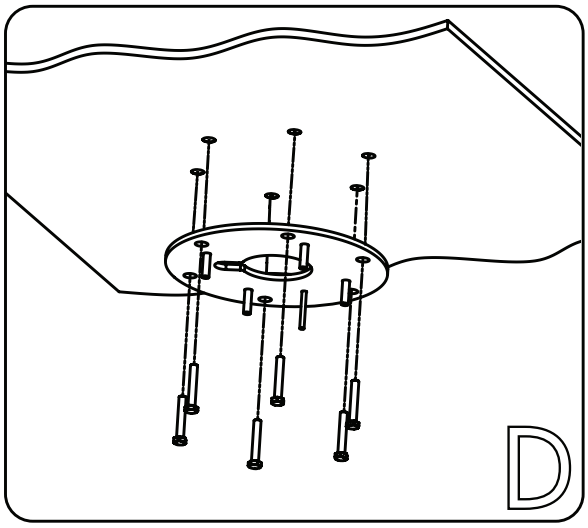
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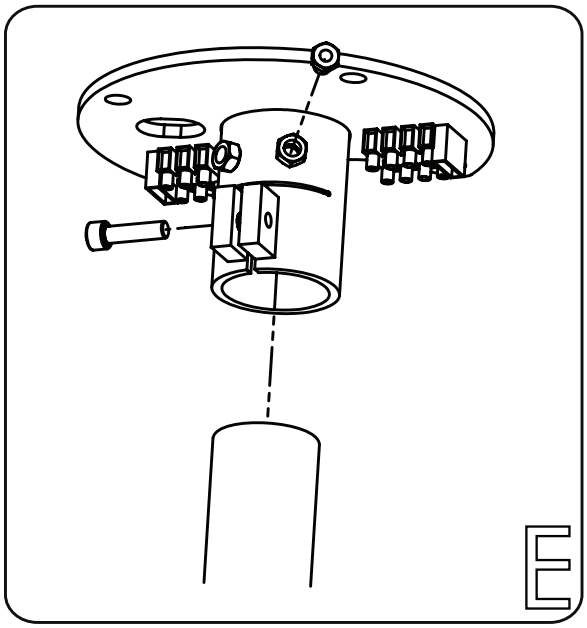
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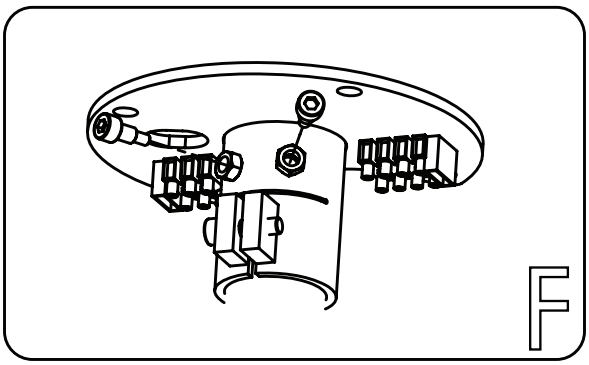
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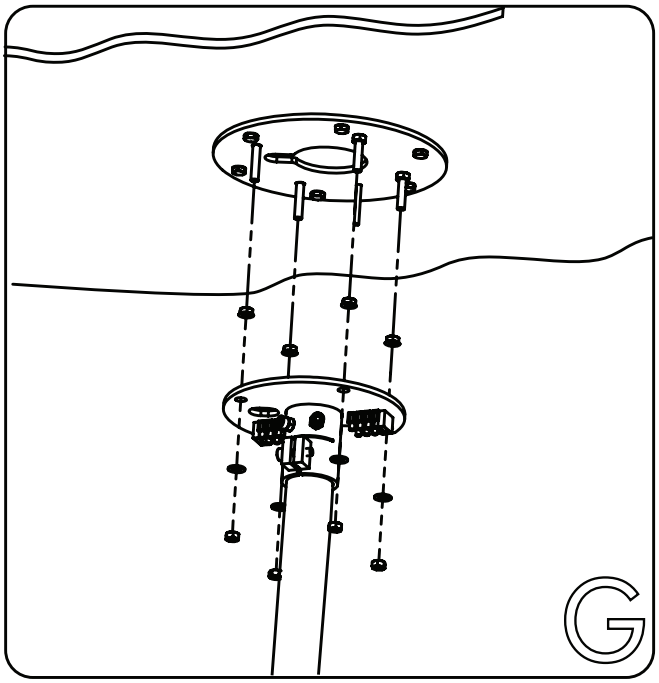
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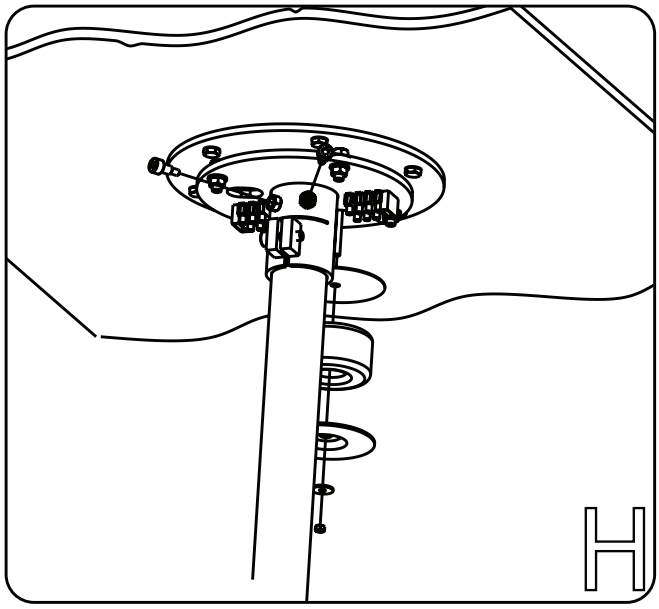
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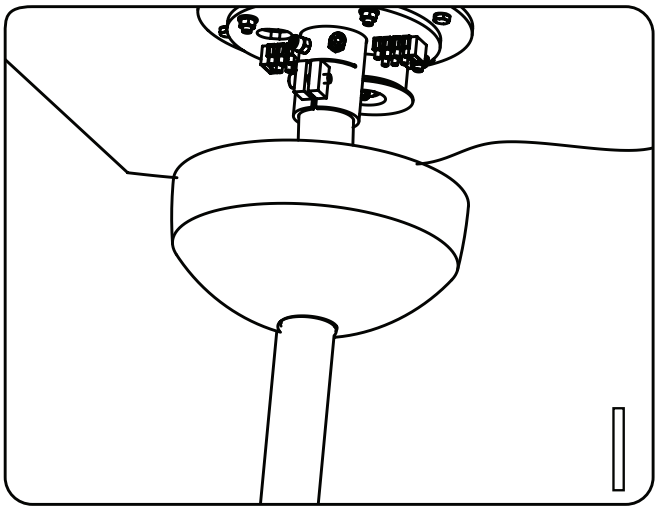
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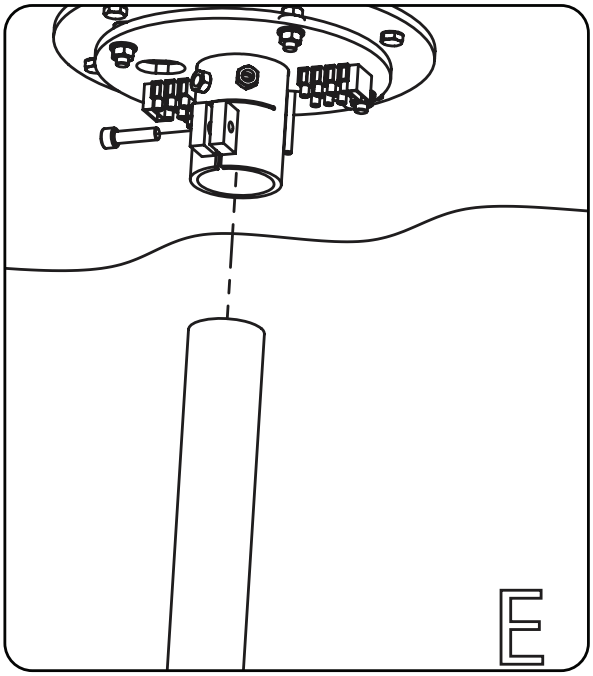
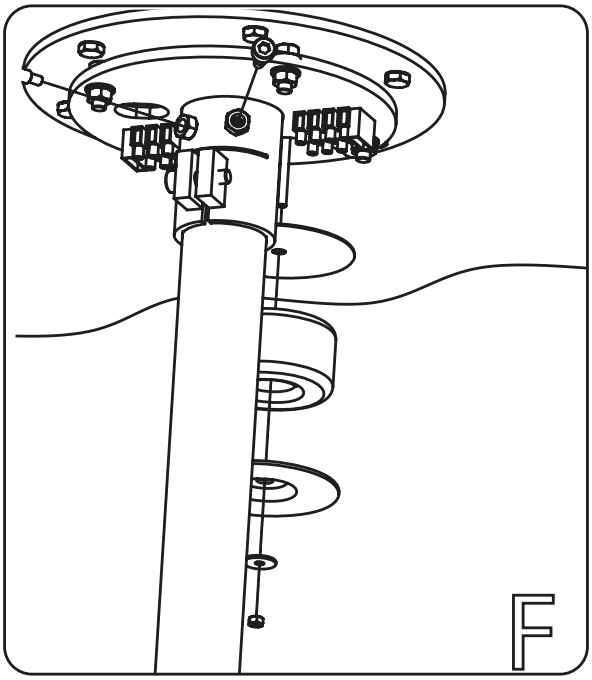
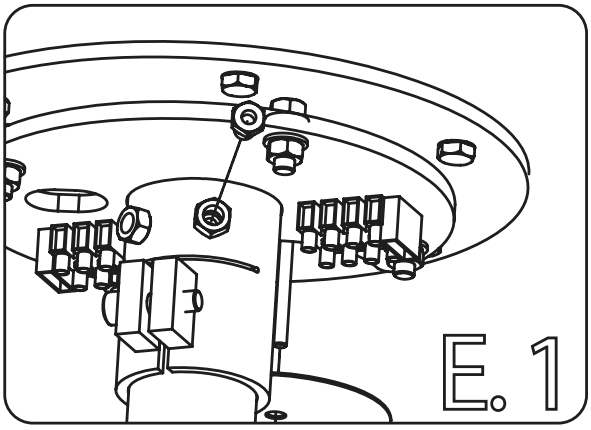
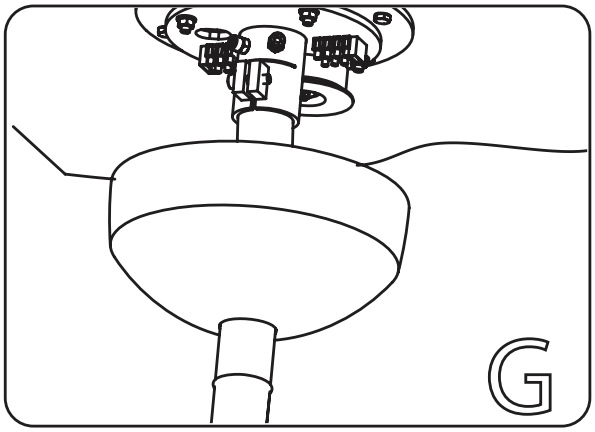








and then screw them after inserting the arm (15) for tightening.

VARIATION POLE LENGTH PROCEDURE

- Fix the two plates to the ceiling fig. C and D.
- Cut the pole to the desired length
and insert it in the housing with reference to fig. And and tighten it with a suitable screw (12).
- With reference to fig. E1 Enter the perforated sleeve in the pole housing, pierce the pole having as a reference the compass.
- Take out the compass.
- Repeat steps F and G above.

AUXILIARY POWER SUPPLY OUTPUT

An auxiliary power supply connector is placed in the back of light head body. The auxiliary power supply connector has to be used only to supply G.COMM devices (for example the G.COMM bleaching dental light COREWHITE).

Maximum power supply provided: 17-24 Vac
Maximum power provided: 3 A

INSTALLATION

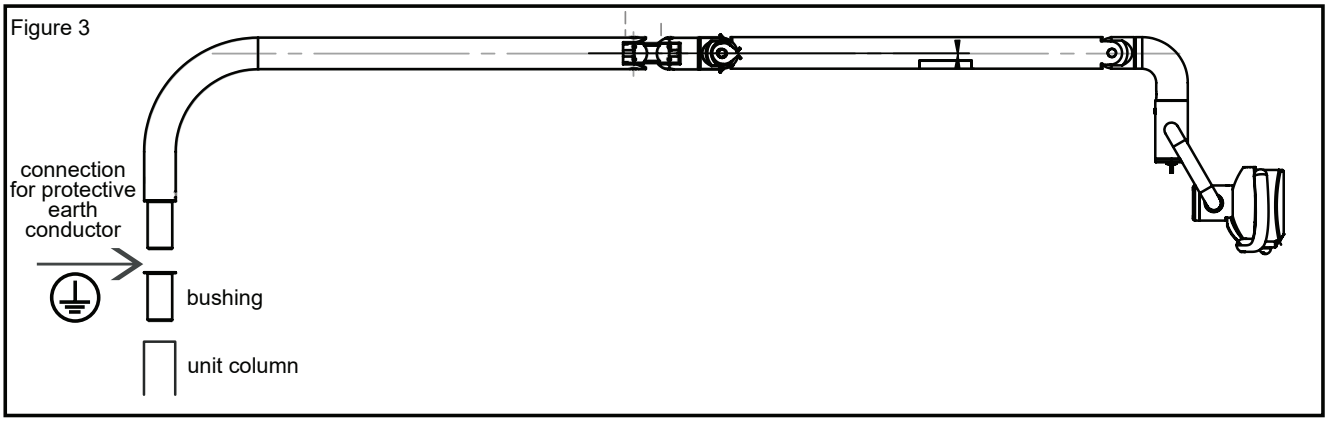
The operating light “VISION” is delivered as one LIGHT HEAD and one ARM packed separately.
The complete installation of the light requires the assembly of these two parts.

PACKAGING:

Proceed as follows:

1. Take the arm out of the box.
2. Use an eyelet to connect the ground cable with the arm pivot.
3. Connect the cable of the arm with the cable that comes out from the dental unit column. Place the arm with mounted pivot in the bushing of the column. Check the movements of the dental operating light and the stability of the entire structure.
4. Carefully take the “VISION” light head out of its

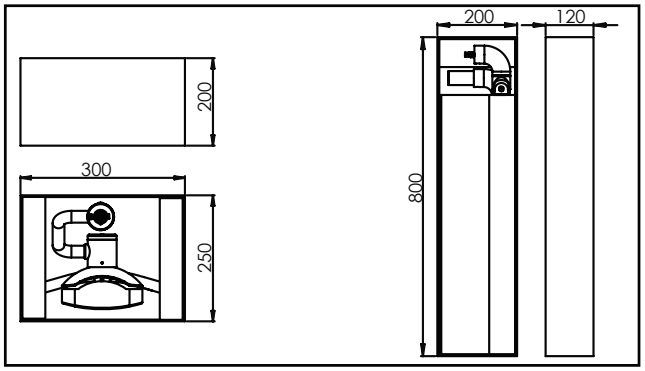
Figure 3



protective package not to cause damage to glass reflector or other parts.
5. As per fig.5 connect the male connector placed in the arm to the female connector placed in the light head. Insert the light head pivot in the bend (called light head bend); make sure that the threaded hole of the pivot is in line with the small one on the arm.
Place the M5 screw supplied with the light into the hole and screw it all the way until locking position. Check for stability.
"VISION" is now installed. Before switching the light ON check the electrical data with those of your transformer. Make sure the arm is properly placed and still.
Rotate arm and light head in order to check proper fixation and free movements.

⚠ Do not modify the device and its installation system. Any modification to the installed device must be carried out exclusively by technicians authorized by G.COMM as foreseen in the REPAIRS section.

⚠ Earthing of the lamp arm must be carried out by connecting to the ground system of a dental unit that complies with the requirements of EN 60601-1 and which provides for protection systems against involuntary loosening from the outside.



USE

1a. Switch version. Switch the operating light ON with the switch placed on the upper part of the light head; the central position indicates OFF mode ; the position on the left selects minimum light intensity, indicates with symbol: ; the position on the right selects the maximum light intensity, indicates with symbol: .

1b Potentiometer Version. Switch the operating light ON / OFF with the switch placed on the rear part of the light head; | ON ○ OFF.

1c Sensomatic version. Switch the operating light ON by passing your hand under the sensor in the rear part of the light head at a maximum distance of 80 mm. Regulate the light intensity with the toggle.

2. An increase of temperature can occur depending on the time of use.

⚠ ATTENTION: NEVER TOUCH THE BULB WHILE THE LIGHT IS ON OR IMMEDIATELY AFTER USE. WAIT AT LEAST 30 MINUTES. GLASS REFLECTOR AND BULB PROTECTION GO THROUGH TEMPERATURE INCREASE DURING USE, TOO. WAIT AT LEAST 30 MINUTES BEFORE TOUCHING THEM.

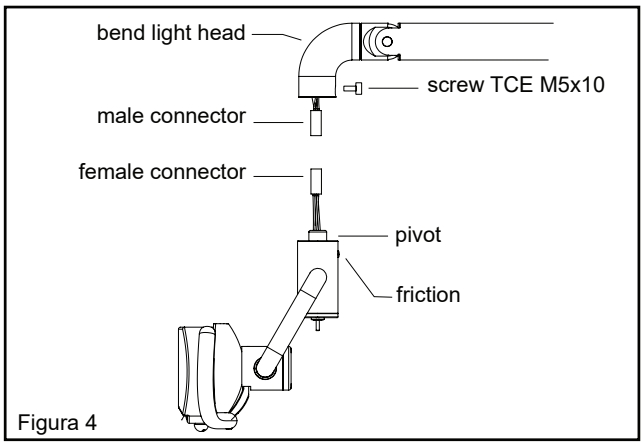


Figura 4

3. Move the operating light **only by holding the handles** of the light head. This guarantees perfect working conditions of the dental light.
4. To ensure good operating light conditions avoid any scratch on the protection shield and always keep it clean. To take out the protection shield go to section “MAINTENANCE”, in particular go to point 2, section “REPLACEMENT OF THE BULB”.

⚠ ATTENTION: radiotelephones may cause interferences with electromedical instruments. To guarantee the correct working of electromedical instruments, it is forbidden to use radiotelephones in medical offices and hospitals.

⚠ Contact technical support if it is not possible to change the brightness levels of the lamp.

⚠ Report any serious incident with the device to the manufacturer and the competent authority of the Member State in which the user and / or patient is established.

⚠ It is recommended to keep all the original packaging and to repack the device every time you need to make a significant move in order to avoid damage to the paint and external shells (for small movements, handle the instrument carefully, avoiding bumps and falls).

ELECTROMAGNETIC COMPATIBILITY WARNINGS

POLARIS is a medical electrical device and it needs special precautions regarding EMC.
POLARIS needs to be installed and put into service according to the EMC information provided in this user guide.

⚠ WARNING: Portable and mobile RF communications equipment can affect POLARIS.
In order to assure the good working of the device, please use only the wires and cables shown in the following table. (table 01)

⚠ The EMISSION characteristics of the device make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in residential environments (for which CISPR 11 class B is normally required), the device may not offer adequate protection from radiofrequency communication services. The user may need to take mitigation measures, such as relocating or re-orienting the device.

Electromagnetic Emission

VISION is intended for use in the electromagnetic enviroment specified below. The customer or the user should assure that it is used in such an environment.

Emission test	***Compliance***	***Electromagnetic environment***
RF emissions CISPR 11	Group 1	VISION uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class A	VISION is suitable for use in all establishments other than domestic, and may be used in domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes, provided the following warning is heeded: **⚠ ATTENTION** This equipment/system is intended for use by healthcare professionals only. This device may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as re-orienting or relocating the device or shielding the location.
Harmonic emissions IEC 61000-3-2	Complies	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

Electromagnetic immunity			
VISION is intended for use in the electromagnetic environment specified below. The customer or the user should assure that it is used in such an environment.			
IMMUNITY test	**IEC 60601 TEST LEVEL**	**Compliance level**	**Electromagnetic environment**
Electrostatic discharge (ESD) IEC 61000-4-2-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	2 kV for power supply lines 1 kV for input/output lines	2 kV for power supply lines 1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	1 kV line(s) to line(s) 2 kV line(s) to earth	1 kV line(s) to line(s) 2 kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycle 70 % U_T (30 % dip in U_T) for 25 cycle <5 % U_T (>95 % dip in U_T) for 5 s	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycle 70 % U_T (30 % dip in U_T) for 25 cycle <5 % U_T (>95 % dip in U_T) for 5 s	Mains power quality should be that of a typical commercial or hospital environment. If the user requires continued operation during power mains interruptions, it is recommended that VISION is powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE. U_T is the a.c. mains voltage prior to application of the test level.			

<table>
<tr><th colspan="4">Electromagnetic immunity</th></tr>
<tr><td colspan="4">VISION is intended for use in the electromagnetic environment specified below. The customer or the user should assure that it is used in such an environment.</td></tr>
<tr><th>IMMUNITY test</th><th>IEC 60601 TEST LEVEL</th><th>Compliance level</th><th>Electromagnetic environment</th></tr>
<tr><td>Conducted RF
IEC 61000-4-6

Radiated RF
IEC 61000-4-3</td><td>3 V rms
150 kHz to 80 MHz

3 V/m
80 MHz to 2,5 GHz</td><td>3 V

3 V/m</td><td>Portable and mobile RF communications equipment should be used no closer to any part of VISION including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.

Recommended separation distance

d = 1.2 √P

d = 1.2 √P 80 MHz to 800 MHz
d = 2.3 √P 800 MHz to 2,5 GHz

where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).

Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, [a] should be less than the compliance level in each frequency range. [b]

Interference may occur in the vicinity of equipment marked with the following symbol:

  </td></tr>
<tr><td colspan="4">NOTE 1. At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2. These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</td></tr>
<tr><td colspan="4">a) Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in witch VISION is used exceeds the applicable RF compliance level above, VISION should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the lamp.

Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.</td></tr>
</table>

Recommended separation distances between portable and mobile RF communications equipment and COREWHITE

VISION is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and VISION as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter** m		
	150 kHz to 80 MHz $d = 1.2 \sqrt{P}$	**80 MHz to 800 MHz** $d = 1.2 \sqrt{P}$	**800 MHz to 2,5GHz** $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	.23
0.1	0.37	0.37	0.74
1	1.17	1.17	2.33
10	3.69	3.69	7.38
100	11.67	11.67	23.33

For transmitters rated at a maximum output power not listed above, the recommended separation distance *d* in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where *P* is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1. At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
NOTE 2. These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

⚠WARNING: The use of accessories, transducers and cables other than those specified above, with the exception of transducers and cables sold by G.COMM as replacement parts for internal components, negatively affect EMC performance of the device.

⚠WARNING: POLARIS should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, POLARIS should be observed to verify normal operation in the configuration in which it will be used.

MAINTENANCE

"VISION" has been designed to permit easy disinfection, with particular attention to hygiene.
The following advices will simplify the cleaning process on your dental operating light.

⃠ Use water, **DO NOT USE ABRASIVE SUBSTANCES AND/OR MATERIALS.**
Please put particular care while cleaning protection shield and reflector. Please read as follows:
• **Reflector:** use a very soft cloth soaked with distillated water, with very soft movements. Dry with a soft cloth.
• **Protection shield:** use a very soft cloth soaked with distillated water, with very soft movements. Dry with a soft cloth.

⚠ ATTENTION: Before performing any treatment, it is recommended to clean and disinfect the device and the handles according to the procedure described below.

⚠ ATTENTION: Check the efficiency of the cooling fan monthly; its malfunction could cause the lamp to overheat.

⚠ ATTENTION: If the movable arm does not respond appropriately to the stresses of the applied load, open the flap on the movable arm and gradually tighten the compression spring of the spring placed inside, checking from time to time whether the compression of the spring is adequate to balance the lamp load.

⚠ Have a qualified technician check the spring stiffness annually.

⚠ WARNING: Have the lamp arm grounded annually by a qualified technician (see fig. 3).

⚠ ATTENTION: Have an authorized technician annually check the correct tightening (6 Nm) of the M5 screw (see point 5 INSTALLATION paragraph).

REPLACEMENT OF THE BULB

The bulb needs to be periodically replaced. Proceed as follows:

1. Wait at least 30 minutes after switching off the dental operating light.

2. Unscrew the plastic knob placed under the protection shield as per fig.5 and take it out.

3. Press the front metal bayonet cap, rotate it anticlockwise and take it out .(fig.6)

4. Take the bulb and remove it with caution.

5. Insert the new bulb in the socket **without touching the glass with your fingers,** use the proper tool given.

6. Reinsert the front metal bayonet cap and make sure that it is properly fixed. Put on the protection shield and screw the plastic knob to fix it again.(Fig. 5) Use proper glass containers for the disposal of used bulbs.

⚠ Do not perform any maintenance operations when the lamp is powered. Carry out maintenance work with the lamp switch in the OFF position.

USE AND STORAGE CONDITIONS

Please keep the dental operating light “VISION” in a closed, covered and dry place. Do not subject it to thermal stress and do not expose it out of the following limits:

- temperature : -10 to +50°C
- relative humidity : from 10 to 90%
- atmospheric pressure : from 700 to 1060 hPa.

REPAIR

For any repair and / or replacement of the G.COMM light unit and / or accessories (lamp arm, stand, ceiling mount, etc.) the intervention must be carried out exclusively by a technician authorized by G.COMM. Contact us directly for the addresses of distributors and authorized technicians. G.COMM s.r.l. is in no case responsible for repairs carried out by third parties or unauthorized personnel.

G.COMM sresponsibility is limited to:

- assembly operations, extensions, adjustments, modifications or repairs made by authorized staff;
- electrical installation made in accordance with the instructions given in this guide;
- use of the light in accordance with the instructions given.

WARRANTY

G.COMM guarantees to the end user a **12-month** warranty from the date of the purchase invoice.

Repairs under warranty should be done exclusively by **G.COMM or authorized service personnel.** Transport costs and risks will be on the customer’s charge. Repairs under warranty, during the period of validity, will be done only if the product is accompanied by shipping document, delivery note or purchase invoice. The warranty covers failures due to defects in material or manufacturing. In case of legitimate claim the product that is under warranty will be repaired or exchanged free of charge. **Any other claim, in particular for damages and/or interests is excluded.** Warranty shall be null if the damage and its consequences are due to improper manipulation, incorrect use and maintenance or wearout. Bulbs are not covered by warranty.

Figura 5

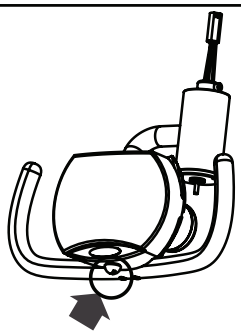
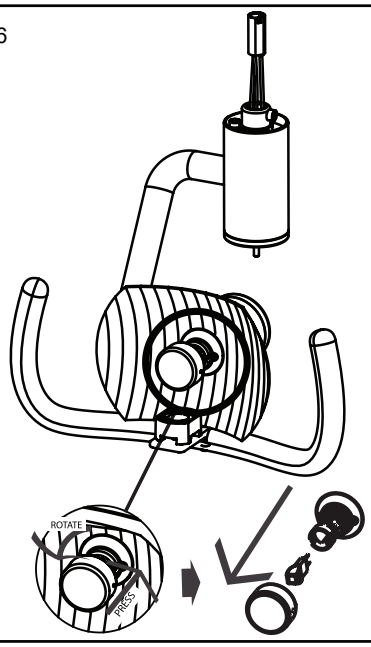


Figura 6



We hope you'll enjoy your new "VISION" operating light.

WARNING RAEE

Indications about disposal

The European directives 2002/95/CE, 2002/96/CE and 2003/108/CE foresee the dental operating light in the category of electrical and electronic products that should be disposed separately from the municipal waste stream (RAEE).

The disused product shall be disposed separately to optimise the recovery and re-cycle of materials that compose the unit, in order to obtain a significant energy saving and to prevent potential negative consequences for environment and human health.

This crossed-out bin symbol is shown to all products that request to be disposed via designated collection facilities.

The user can hand over the disused dental operating light to his/ her city office or to the designated collection facilities appointed by his/her government or local authorities.

The illegal or inadequate disposal of disused product by the user implies the application of economic / administrative sanctions accordingly to the Law.

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G.COMM

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G.COMM srl è un’azienda certificata ISO 13485:2003 e ISO 9001:2000

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