

BOOST

THE LIGHT SALON®

ADVANCED LED COLLAR NECK & FACE



WELCOME TO THE LIGHT SALON

GETTING STARTED

Please carefully follow the instructions in the user manual for first time use, ensuring you do a patch test (see p.8)

NEED HELP?

For any general queries about your device, controller or warranty.

Email **customerservice@thelight-salon.com**

THE VIRTUAL LIGHT SALON

Let us treat you and your skin to a one-on-one virtual consultation with our Light Salon Skin Therapists.

Let them help you navigate our signature Boost LED device, recommend additional skincare modalities, deliver advice, and educate on all our offers in-salon.

Email **hello@thelight-salon.com**

USING YOUR BOOST LED COLLAR

Before Boosting, charge the controller, using only the supplied cable and plug.

Do not attach the controller to your Collar whilst charging.

Once fully charged (all 3 lights will be illuminated),
detach the controller from the charging cable.

Your Collar will not work if it is attached to the charging cable.

Use the two sets of straps provided to treat your areas of concern.
The shorter strap will create a collar to treat the neck or forehead, by securing the velcro inside or outside of the inlet holes, according to sizing requirements.

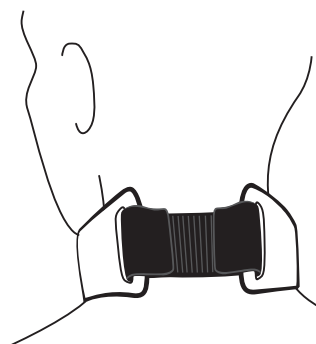
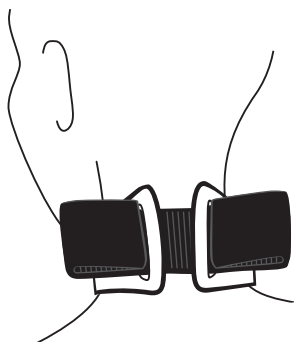
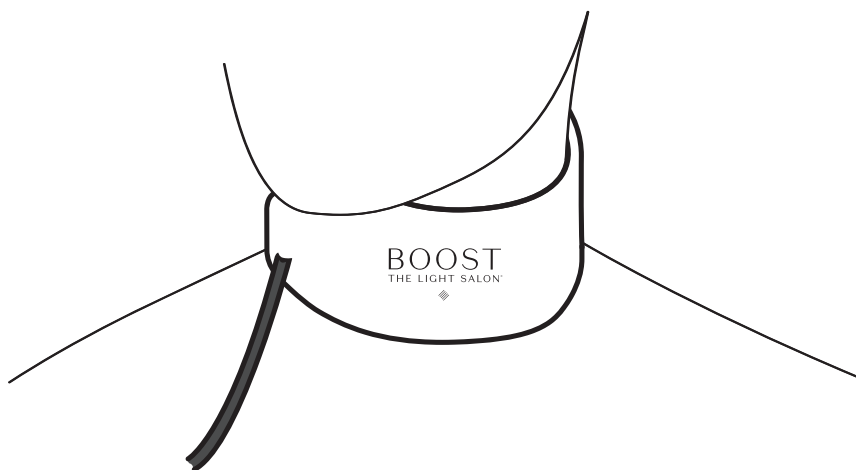
The longer strap can be placed across the top of the head, shorter strap across the back of the face to treat the chin.

It should feel secure, but comfortable, and not tight.

Attach the controller to your Collar.

To turn on your Collar firmly press the button on your controller.
Your Collar will automatically turn off after 10 minutes.

Store your Collar flat, look after it and it will look after you.



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1.0 THE LIGHT SALON BOOST® ADVANCED LED COLLAR

As we age skin becomes thinner, with a drier texture due to dehydration, developing wrinkles due to the loss of collagen and elastic tissue. Aging skin is also much more susceptible to the development of brown spots and pigmentation. The skins dermis can lose from 20-80% of its thickness during the aging process.

The Advanced LED Collar uses two proven wavelengths of light; 633nm red light and 830nm near-infrared light. These wavelengths have been shown in clinical studies to stimulate collagen and elastin production cells and to improve blood flow and tissue oxygenation through a process called photobiomodulation.

The Advanced LED Collar has been designed to deliver light directly to the skin, ensuring that the maximum amount of light hits its cellular targets and is not wasted.

1.1 INTENDED USE

The Advanced LED Collar emits light in the Red 633nm and Near-infrared 830nm region of the light spectrum and can be used to help reduce signs of aging including a reduction in fine lines and improvement in skin texture.

2.0 DEVICE DESCRIPTION

The Advanced LED Collar consists of:

1. Silicone flexible collar
2. Control unit
3. Power supply and country specific adaptors
4. Adjustable velcro straps x 2
5. Protective bag for storing your collar, cable and adaptors

The Advanced LED Collar is a home-use wearable LED phototherapy device.

The device consists of a flexible silicone collar that contains light emitting diodes (LEDs) and a controller. The LEDs generate the light. The collar is worn on the neck, chin and forehead, and is held in place by adjustable Velcro straps.

The controller switches the LEDs ON/OFF and controls power to the mask. The controller contains a rechargeable Lithium polymer battery. The controller uses a visible display comprising of 3 micro LEDs to show the user the battery charge status of the device. The Advanced LED Collar is connected to the controller by a USB-A connector.


The power supply is used to charge the Lithium battery and is connected to a suitable electrical outlet via a 2 or 3 pin input socket and wall plug. The power cable is connected to the controller by a standard micro USB-C connector. The Advanced LED Collar CANNOT be operated while charging.

The equipment is not used to make measurements of any sort, or to draw any conclusions regarding the indication to treat. The equipment does not require checks on the light output as the LEDs do not dim with age to any practical extent.

The Advanced LED Collar (Light Emitting Diode) emits light energy in the Red and Near-infrared (NIR) region of the light spectrum and is intended to treat the skin through a non-thermal mechanism called Photobiomodulation.


3.0 CONTRAINDICATIONS, WARNINGS AND PRECAUTIONS

CONTRAINDICATIONS

 **DO NOT** share the Advanced LED Collar with any other person. The Advanced LED Collar is for single person use only.

- ◆ **DO NOT** use the Advanced LED Collar to treat any other conditions apart from those listed in the indications for use. Advanced LED Collar has not been tested for any other conditions than those listed, and the risk is unknown.
- ◆ **DO NOT** use the Advanced LED Collar if you are pregnant, planning on becoming pregnant or breastfeeding. The Advanced LED Collar has NOT been tested on pregnant or breast-feeding women and therefore the risk to the foetus or pregnant women is unknown.
- ◆ **DO NOT** use the Advanced LED Collar if you suffer from light induced headaches.
- ◆ **DO NOT** use the Advanced LED Collar if you suffer from any genetic conditions of the eyes. The Advanced LED Collar has NOT been tested on subjects who suffer with genetic conditions of the eyes and therefore the risks are unknown. If you are unsure about any related eye condition and using the Advanced LED Collar contact your ophthalmologist or eye doctor.
- ◆ **DO NOT** use the Advanced LED Collar if you suffer from Lupus erythematosus, photosensitive eczema or Albinism. If you use the Advanced LED Collar to treat Lupus erythematosus, photosensitive eczema or Albinism you may cause a severe skin reaction.
- ◆ **DO NOT** use the Advanced LED Collar if you suffer from any photosensitive disorder (sensitization to light). If you use the Advanced LED Collar and you suffer from a photosensitive disorder you may cause a severe skin reaction.
- ◆ **DO NOT** use the Advanced LED Collar if you are taking any medication that can cause photosensitivity. If you use the Advanced LED Collar and you are taking any medication that can cause photosensitivity you may cause a severe skin reaction.


- ◆ For a full list of drugs that can cause photosensitivity, please visit:
www.thelight-salon.com/contraindications

 **Photosensitivity** is a common side effect of various medications. These can include certain antibiotics, chemotherapy drugs, and diuretics. If you are unsure about any medication you may be taking consult your healthcare provider.

Other substances not listed above can also cause photosensitivity.

- ◆ Common examples of these substances are: St John's Wort, Coal Tar, Deodorants, antibacterial soaps, artificial sweeteners, naphthalene (mothballs), petroleum products, brightening agents found in laundry detergent, and cadmium sulphide (a chemical injected into the skin during tattooing).

WARNINGS

 Before using the Advanced LED Collar you must carry out a sensitisation test (see section 5.3 - page 8).

- ◆ **DO NOT** use the Advanced LED Collar if you are sensitive to the Advanced LED Collar.
- ◆ **DO NOT** use the Advanced LED Collar in any way that is not exactly as specified in these instructions for use. Use of the Advanced LED Collar other than exactly as specified in these instructions for use has not been tested and the risk is unknown.
- ◆ **TURN OFF and REMOVE** the Advanced LED Collar immediately if it feels hot or your skin feels uncomfortably warm.
- ◆ **STOP** using the Advanced LED Collar during a treatment if you experience headaches or changes in vision.
- ◆ Only use the proprietary hydrogel mask recommended. Other masks are available but have not been tested with the device and may block light penetration and reduce the effects of the treatment.
- ◆ **DO NOT** use the Advanced LED Collar without first removing creams, lotions or make-up **BEFORE** treatment. Some ingredients in these products may cause light sensitisation or may reduce the effect of the treatment. If you use Advanced LED Collar without removing these products, you may cause a skin reaction, or you may reduce the effect of the treatment.

- ◆ DO NOT use if you have, or suspect you have, cancer. Please consult your doctor.
- ◆ NEVER use Advanced LED Collar near water or where water can be spilt onto the equipment. DO NOT use Advanced LED Collar if you think it has come into contact with water.
- ◆ Keep Advanced LED Collar away from HOT surfaces.
- ◆ DO NOT attempt to modify Advanced LED Collar in any way. Modifying Advanced LED Collar will void your warranty. Modifying Advanced LED Collar could cause an electric shock when the system is used again. The system contains no serviceable parts.

GENERAL SAFETY

- ⚠ The Advanced LED Collar is an electrical device, which under certain circumstances could present an electrical shock hazard to the user. Please read the accompanying user manual thoroughly and follow directions stated in the manual to assure maximum safety during operation.

PRECAUTIONS

- ⚠ The Advanced LED Collar strap contains a mixture of polyester, nylon and lycra. If you are allergic to any of these materials, you may not be able to use the straps provided. Speak with your supplier about returning the device.
- ◆ The Advanced LED Collar CANNOT be used in charging mode.
- ◆ Before each use, with the device switched off, all surfaces of the Advanced LED Collar may be cleaned by following the cleaning instructions in Section 7.1 - page 9.
- ◆ Do NOT use any other cleansing products other than those stated in the cleaning instructions. Use of other cleansing products may damage the Advanced LED Collar.
- ◆ Store the Advanced LED Collar at room temperature in dry conditions, away from direct sunlight, ideally in the protective bag.

4.0 RISKS AND BENEFITS

4.1 POTENTIAL RISKS

- ⚠ Immediately after treatment skin may appear red. Skin should return to normal within 1-2 hours.
- ⚠ Temporary headaches immediately following the light treatment. Headaches can be treated with an appropriate over the counter analgesic and rehydration.

4.2 POTENTIAL BENEFITS

- ◆ People who have undergone a course of Advanced LED Collar treatments report a reduction in fine lines, and improvements in texture.

5.0 FIRST TIME SETUP

5.1 UNPACKING AND CHARGING YOUR ADVANCED LED COLLAR

- ⚠ The Advanced LED Collar uses a controller which contains a lithium ion polymer battery. When the controller is plugged in and charging; do not attempt to use the Advanced LED Collar as it will not illuminate.

The lifetime of the Lithium battery can be maximised by allowing it to fully charge and then fully discharge during regular use.

It will take approximately 4 hrs to fully charge controller.

- ◆ Unpack the Advanced LED Collar and check off the parts described in Section 2 page 5.
- ◆ Before use, fully charge the battery.
- ◆ To charge the Advanced LED Collar battery insert the USB-C cable into the controller.
- ◆ Insert the power supply into a suitable electrical outlet and switch on.
- ◆ The 3 LEDs in the controller will start to flash to indicate charging. The Advanced LED Collar battery is fully charged when the three indicator LEDs on the controller stay illuminated.

5.2 CONNECTING THE ADVANCED LED COLLAR TO THE CONTROLLER

Connect the Advanced LED Collar by inserting the USB connector into the USB port of the controller.

5.3 SENSITISATION TEST



Before carrying out your first treatment you must carry out a sensitisation test. Follow the step by step guide below:

1. Connect the Advanced LED Collar to the controller.
2. Place the Advanced LED Collar over your inner arm.
3. Switch ON the controller and allow the Advanced LED Collar to run for its full 10-minute treatment program.
4. At any time if your skin feels HOT or uncomfortable STOP using the device immediately.
5. After the treatment wait at least 6 hours. If your skin on your inner arm is red or itchy, the Advanced LED Collar is unsuitable for you. Return the device to the retailer within (14) days of purchase.

If after 6 hours there is no reaction please repeat the test on your other forearm, however this time we want to ensure that your routine skin cleanser is compatible with light.

On the rare occasion a cleanser can cause photosensitivity due to specific combinations of active ingredients so testing it with the light means that you can be assured of compatibility.

1. Cleanse your arm with your cleanser of choice and remove product thoroughly with warm water.
2. Place the Advanced LED Collar to the cleansed area.
3. Switch ON the controller and allow the Advanced LED Collar to run for its full 10-minute treatment program.
4. At any time if your skin feels HOT or uncomfortable STOP using the device immediately.

5. After the treatment wait at least 6 hours. If your skin on your inner arm is red or itchy, email customerservice@thelight-salon.com with your cleanser and ingredient list.

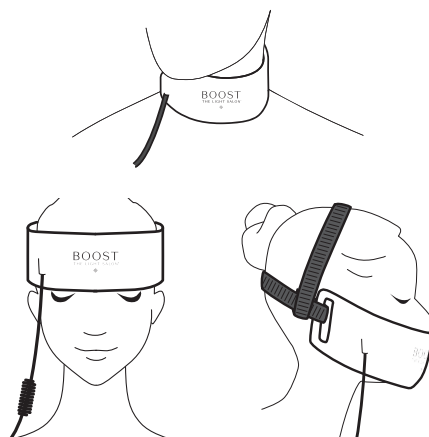
6.0 USING THE ADVANCED LED COLLAR

6.1 TREATMENT RECOMMENDATIONS

- ◆ For best results treat for 3-5 days a week for a minimum of 6 weeks.
- ◆ Maintenance treatment should be carried out as required, according to lifestyle and skin condition.

6.2 WEARING THE ADVANCED LED COLLAR

- ◆ The Advanced LED Collar comes with adjustable Velcro straps that allow you to comfortably wear the collar.
- ◆ To fit the collar, thread a strap through the inlet holes on either side of the collar as shown in the illustrations below.
- ◆ The collar is worn on the neck or forehead and is held in place by the short adjustable Velcro strap.
- ◆ Alternatively, it can be worn across the chin by using the longer strap across the head and shorter strap behind the head.



6.3 CARRYING OUT A TREATMENT

1. Cleanse your skin with your usual cleanser.
2. Place your Advanced LED Collar in chosen position, and secure strap in place.
3. Connect the Advanced LED Collar to the controller and switch on the controller.

TOP TIP: tuck the controller into the shoulder strap of your clothing, or place in a pocket if choosing to wear whilst standing in order to go about your day.

4. Wear for 10mins (automatic shut-off). You may stop the treatment at any time by pressing the ON/OFF button on the controller.
5. Remove your Advanced LED Collar and finish with skincare products of your choice.
6. Clean the collar using a water-based wipe or a lint-free damp clean cloth. Ensure that the device is NOT being charged when cleaning.
7. Repeat 3-5 times a week for 6 weeks.

For more information on recommended products, go to thelight-salon.com

7.0 CARE AND MAINTENANCE

- ◆ The lifetime of the Lithium battery can be maximized by allowing it to fully charge and then fully discharge during regular use.
- ◆ Store the Advanced LED Collar at room temperature in dry conditions. Use the protective bag provided.
- ◆ Avoid storing the Advanced LED Collar in dusty conditions, in direct sunlight or in damp and humid conditions.
- ◆ The Advanced LED Collar contains no serviceable parts.
- ◆ The Advanced LED Collar should always be stored FLAT. The flexible technology is designed for flexible comfort on the face, not for storage.

- ◆ Before each use, with the device switched off, clean the collar following the cleaning instructions below.
- ◆ If you follow the care and maintenance for your Advanced LED Collar then the Advanced LED Collar has a minimum lifetime of 2 years

7.1 CLEANING THE ADVANCED LED COLLAR



DO NOT use any other cleansing products as these may damage the plastics.

- ◆ Clean the transparent side of the collar with a water-based wipe or damp clean cloth.
- ◆ Clean the rear of the collar, and the entire surface of the controller with a water-based wipe or damp clean cloth.
- ◆ Place the collar on a clean dry surface to air dry. Visually inspect the surfaces to ensure they are clean. Stubborn stains can be removed by wiping gently with 70% alcohol.

7.2 DISPOSAL



DO NOT dispose of any part of the Advanced LED Collar at a domestic waste facility.





The Advanced LED Collar controller contains a Lithium polymer battery. For protection of the environment, please package and return this unit to the manufacturer or their representative at the end of its working life or safely dispose of the device following your local guidelines.

7.3 TROUBLESHOOTING

Problem	Possible Cause	Action
No red or infra-red light from the Advanced LED Collar	Not charged	Plug in the controller to the charger making sure that the connectors are attached and leave charging until the three indicator LED's on the controller remain lit and do NOT flash.
No red or infrared light from the Advanced LED Collar	Device connected to the mains	Unplug micro USB connector from controller
LEDs do NOT turn OFF after 10 minutes	Device is faulty	Return to your supplier
LEDs flicker during treatment	Device is faulty	Return to your supplier

If the actions suggested fail to fix the problem, or the problem reoccurs, and your device is within the warranty period please return to your provider.

 Do NOT attempt to investigate any further.


 Do NOT attempt to modify the device in any way. The Advanced LED Collar has NO parts you can repair yourself.


8.0 LABELLING

The labelling supplied with the device contains the following information:

- ◆ Date of manufacture
- ◆ Catalogue number and batch code
- ◆ Operating environment

RECYCLING

 This symbol means that this product shall not be disposed of with normal household waste (2012/19/EU).

 This symbol means that this product contains a built-in rechargeable battery which shall not be disposed of with normal household waste (2006/66/EC).


We advise you to take your product to an official collection point to have a professional remove the rechargeable battery. Follow your country's rules for the separate collection of electrical and electronic products and rechargeable batteries. Correct disposal helps prevent damage to the environment and human health.


TECHNICAL SPECIFICATION


- ◆ Program time: 10 minutes fixed
- ◆ Operating Temperature: 0°C to 30°C
- ◆ Storage and Transport Temperature: -5°C to 55°C
- ◆ Operating Humidity: 30% to 95% without condensation
- ◆ Storage and Transport Humidity: 20% to 85% without condensation
- ◆ Electrical Input from power adaptor: 100-240Vac/47-63Hz, 0.6A
- ◆ Electrical Output; 5V, 9.62Wh or 2200mAh


EXPLANATION OF SYMBOLS

There are several safety warning labels on the Advanced LED Collar and associated packaging and in the user manual. Not following these warnings may result in one or more of the following hazards: electrical shock and/or fire.


 This warning symbol on the device label is a warning to read the enclosed documents before use and take all safety precautions required.


 This symbol on the device label means: Read the user manual before you start using the device.


 This symbol means: that the Advanced LED Collar is specified as applied part type BF. B indicates that it is used on the Body and F indicates that it is not connected to the mains voltage.

 This symbol means: 'Conformité Européenne'.

**UK
CA** This symbol implies conformity to UK Directives on health, safety, and environmental protection standards. UKCA stands for UK Conformity Assessed.

 This symbol means: 'Manufactured by' and provides the name and address of the legal manufacturer.

 This symbol indicates input for the power supply. This symbol means that the device may only be charged with the adapter that is supplied in the package. Usage of other adapters may not be safe and could lead to electrical shock.


 This symbol means: Keep dry.

SN This symbol indicates the serial number of the device.


REF This symbol refers to the catalogue number for the Advanced LED Collar.


LOT This symbol refers to the batch code of the Advanced LED Collar.


 This symbol indicates the USB connector.


 This symbol means that the device uses a Lithium Polymer battery.

 This symbol means: Made in China.

 This symbol means: Keep the device away from direct sunlight.

 This symbol means the upper and lower operating temperatures that the Advanced LED Collar can be safely used at.

 This symbol means the upper and lower operating humidity that the Advanced LED Collar can be safely used at.

 This symbol means that the cardboard packaging that the Advanced LED Collar came in can be recycled.

IP22 This symbol means that the device is protected against a solid object greater than 12.5mm such as a finger and against vertically falling drops of water at up to 15 degrees from vertical.

9.0 WARRANTY

Please register your warranty at www.thelight-salon.com

9.1 STANDARD WARRANTY

Under normal use this product is guaranteed for 2 years after its original purchase date against manufacturing defects in materials or workmanship.

WARRANTY EXCEPTIONS

The lithium battery is guaranteed for 1 year after its original purchase date against manufacturing defects in materials or workmanship.

This warranty extends only to the original purchaser.

This warranty does not cover damage caused by the following:

- ◆ Accident, misuse, abuse or alteration
- ◆ Servicing by unauthorized persons
- ◆ Connection to incorrect power sources
- ◆ Use with unauthorized accessories

WHAT TO DO IF YOUR PRODUCT IS FAULTY

If the product should become faulty within the warranty period, contact your place of purchase.

iSMART Developments Ltd (Legal Manufacturer) or its authorised distributor The Light Salon reserves the right to replace a defective product with the most compatible product currently available.

iSMART Developments Ltd or its authorised distributor The Light Salon shall not be responsible for any incidental, special or consequential damages resulting from the use of this product. All implied warranties, including but not limited to implied warranties of fitness and merchantability are limited in duration to one year from date of original purchase.

This warranty gives you specific legal rights, and you may also have other rights that vary from country to country. Some countries do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so some of the above limitations and exclusions may not apply to you.

This warranty is given in lieu of all other warranties, written or oral, whether expressed by affirmation, promise, description, drawing, model or sample. Any and all warranties other than this one, whether expressed or implied, including implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed.



Users of this device can obtain benefits if all information in the user manual is read and comprehended. All the instructions in the user manual must be followed.

Please contact us on our Customer Services email customerservice@thelight-salon.com if you have any comments about **THE LIGHT SALON BOOST®** Advanced LED Collar or User Guide.

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EU: Certainty IP Ltd,
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 Sandyford, Dublin, Ireland

According to the UK MDR 2002 (as amended) and the EU 745/2017 Medical Device Regulation, the Advanced LED Collar is classified as a cosmetic device within the UK & European union. However, for purposes of safety, we have conducted additional testing so that you can be ensured of the safety and efficacy of the Advanced LED Collar.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The Advanced LED Collar has been tested to or complies with the following standards;

EN 60601-1:2006/A12:2014. Medical electrical equipment. General requirements for basic safety and essential performance.

EN 60601-1-2:2015 Medical electrical equipment. General requirements for basic safety and essential performance. Collateral standard. Electromagnetic compatibility. Requirements and tests.

IEC 60601-1-6 2010 AMD1: 2013 Medical Electrical Equipment – Part 1 General Requirements for Basic Safety and Essential Performance – Collateral Standard: Usability.

IEC/EN60601-1-11:2015 Medical electrical equipment -- Part 1-11: General requirements for basic safety and essential performance -- Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.

IEC/EN 60601-2-57:2011 Medical electrical equipment. Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use.

EN 62471:2008 Photobiological Safety of Lamps and Lamp Systems.

EN 62366-1:2015 Application of usability engineering to medical devices.

EN ISO 10993-1:2018 Biological evaluation of medical devices Part 1: Evaluation and testing within a risk management process.

EN ISO 15223-1:2021 Medical Devices – Symbols to be used with information to be supplied by the manufacturer – General requirements.

EN ISO 14971:2012 Medical devices - Application of risk management to medical devices.

IEC62133:2012 2nd ed. Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications.

BS EN 55014-1: 2021 Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission.

BS EN 55014-2:2015 Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Immunity. Product family standard.

Restriction of Hazardous Substances (RoHS) Directive (2011/65/EU).

The Advanced LED Collar is cleared for marketing in the United states of America K191629.

Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) directive (EC 1907/2006).

