

CONAIR®



Lumilisse® IPL Hair Remover

MODEL IPL960F

Instruction Manual



Read the safety instructions first.

The Lumilisse Hair Remover uses IPL (Intense Pulsed Light) technology for sustained and safe removal of unwanted hair, in the privacy and comfort of your own home.

IPL (Intense Pulsed Light), a safe, clinically proven technology, will eliminate unwanted hair gently and painlessly, leaving skin smooth and silky for a long time.

This epilation procedure produces a pulsed light that is absorbed by the melanin (the pigment in your hair), and carried to the bulb, where it is transformed into heat. The thermal effect painlessly destroys the hair and roots and prevents regrowth. This scientifically proven technology gives quick and lasting results.

The Lumilisse Hair Remover can be used on the body (especially legs, arms and back), sensitive areas (armpits, bikini line) and the face (cheeks, lips and chin), thanks to the special facial attachment.

Lumilisse Hair Remover is intended for adults aged 21 or over.

Before using the Lumilisse Hair Remover for the first time, please read the entire user manual carefully.

We recommend you consult this manual before every use of the Lumilisse Hair Remover.



Table of contents

1. Warnings	pages 4–5
DO NOT USE the Lumilisse Hair Remover on naturally dark skin.	
DO NOT USE the Lumilisse Hair Remover on tanned skin or after recent exposure to the sun!	
DO NOT USE the Lumilisse Hair Remover near your eyes.	
2. Contraindications	page 5
3. Precautions for safe use	pages 6–8
4. Possible side effects	pages 8–10
5. Intense Pulsed Light Hair Removal	pages 10–15
5.1 Long-lasting hair removal method with the Lumilisse Hair Remover	
5.2 Skin Color Sensor System – automatic detection of intensity level	
5.3 Planning depilation sessions with the Lumilisse Hair Remover	
5.4 Expected depilation results	
5.5 Description of the Lumilisse Hair Remover	
5.6 Quartz technology	
5.7 Using the Lumilisse Hair Remover safely	
6. Use of the LUMILISSE HAIR REMOVER	pages 16–20
6.1 Preparing the skin	
6.2 Carrying out a test with the Lumilisse Hair Remover	
6.3 Treatment with the Lumilisse Hair Remover	
6.4 Operating modes	
6.5 Coverage of the treatment area	
6.6 Facial depilation with the Lumilisse Hair Remover	
7. After using the LUMILISSE HAIR REMOVER	pages 20–21
7.1 Switching off the Lumilisse Hair Remover	
7.2 Cleaning	
7.3 Caring for skin following an epilation session with the Lumilisse Hair Remover	
8. Lifespan of your LUMILISSE HAIR REMOVER	page 21
8.1 Lifespan	
9. Troubleshooting	pages 21–22
9.1 My Lumilisse Hair Remover won't start	
9.2 There are no pulses when I press the release mechanism	
9.3 Customer Service	
10. Warranty	pages 22–23
11. FAQ	pages 23–24
12. Specifications	page 25
13. Standards	page 25
14. Electromagnetic Compatibility Conformance	pages 25–29
15. Packaging - Labeling	page 30

The Conair Lumilisse IPL Hair Remover is a powerful electrical appliance and so for reasons of safety it should be used with great care.

Before using the Lumilisse Hair Remover for the first time, please carefully read this user manual completely and pay attention in particular to the safety instructions and the precautions for use.



Keep the device away from your eyes and do not look at the area being treated when the unit flashes!



While not necessary for safety, you may wear sunglasses or goggles for your convenience if you find the light uncomfortable or too bright.



Do not use the Lumilisse Hair Remover on tanned skin or after recent exposure to the sun! Using it under those conditions may cause serious burns or severely damage your skin.

Do not use Lumilisse on naturally dark skin!

NOTE: The Lumilisse Hair Remover is not effective on white, light red or light-colored hair.

We recommend that you reread this user manual before every use of your Lumilisse Hair Remover.

1. Warnings

Important information on safety – Read before using

The Lumilisse Hair Remover cannot be used by everyone. Before using, read the following guidelines. If you are unsure about using the Lumilisse Hair Remover, please consult your dermatologist or your healthcare provider.



DO NOT USE the Lumilisse Hair Remover on naturally dark skin!

The Lumilisse Hair Remover will remove unwanted hair by selectively targeting the pigments in the hair. The amount of pigment in a person's skin determines not only the color, but it can also influence how well a user responds to light depilation, regardless of which type and what side effects might occur. The darker the skin, the higher the risk of side effects.

The treatment of dark skin with the Lumilisse Hair Remover may lead to side effects, like burns, blisters and changes in skin color (hyper or hypopigmentation).



DO NOT USE the Lumilisse Hair Remover on tanned skin or after recent exposure to the sun!



DO NOT USE the Lumilisse Hair Remover on tanned skin or after recent exposure to the sun! Such exposure may cause serious burns or severe damage to your skin. Avoid exposing yourself to sunlight or an artificial tanning machine for 4 weeks before treatment with the Lumilisse Hair Remover, and for 2 weeks following treatment. Do not expose the treatment areas to sunlight. Be sure to protect the skin treated with the Lumilisse Hair Remover with an effective sunscreen, both during the treatment period and for at least 14 days past the last treatment session.



DO NOT USE the Lumilisse Hair Remover near your eyes.

Pointing the Lumilisse Hair Remover at your eyes when activated can cause serious eye damage. The appliance is not intended for removing hair from eyelashes or eyebrows.



Keep away from your eyes!

2. Contraindications

Using the Lumilisse Hair Remover is temporarily contraindicated under certain conditions. DO NOT USE the Lumilisse device if:

- You are pregnant or breast feeding.
- You have had exposure to the sun or UV tanning equipment over the previous 28 days.
- You have tattoos or permanent makeup on the area to be treated.
- There are abnormalities on the skin in the area to be treated: brown or black marks, large freckles, birthmarks, warts or nevus pigmentosus.
- You suffer from eczema, psoriasis, lesions, open wounds or active infection in the area to be treated. Wait until the affected area has healed before using the Lumilisse Hair Remover.
- You have a history of keloid formations, you have a known sensitivity to light (photosensitivity) or one caused by medication, including non-steroidal anti-inflammatories (e.g.: aspirin, ibuprofen, paracetamol), tetracycline, phenothiazine, thiazide, diuretics, sulphonylureas, sulfamides, DTIC, fluorouracil, vinblastine, griseofulvin, Alpha-Hydroxy Acids (AHAs), Beta-Hydroxy Acids (BHAs), Retin-A®, Accutane® or topical retinoids.
- You have recently been treated or are being treated with Alpha-Hydroxy Acids (AHA), Beta-Hydroxy Acids (BHA), Retin-A®, topical retinoids or azelaic acid.
- You suffer from an abnormal skin condition caused by diabetes, for example, or another systemic or metabolic disease.
- You have been undergoing treatment with Accutane® (isotretinoin) for the previous 6 months.
- You have been following a steroid regimen for the previous 3 months.
- You show signs of pre-herpes growth in the area to be treated, unless you have consulted a physician and been given preventive treatment before using the Lumilisse Hair Remover.
- You suffer from epilepsy.
- You have an active implant, like a pacemaker, an implant for urinary incontinence, an insulin pump, etc.

- You have a pathology linked to photosensitivity, like porphyria, polymorphic eruption to light, solar urticaria, lupus, etc.
- You have a history of skin cancer or areas subject to dermal malignancies.
- You have been undergoing radiation or chemotherapy for the last 3 months.
- You suffer from any other condition your physician deems a risk for the treatment.

If you have any questions or concerns about the risks to you resulting from the use of the Lumilisse Hair Remover, consult your healthcare provider or your dermatologist prior to use.

3. Precautions for safe use



NO SUN



NO CREAM



**NO UV
TANNING LIGHT**



NO DRUGS



**NO USE ABOVE
CHEEKBONES**

Follow the instructions in this manual very carefully when selecting the power level during each session with the Lumilisse Hair Remover.

Selecting an inappropriate power level may cause side effects.

For detailed instructions on selecting the power, see the section 5.2 “Skin Color Sensor System – automatic detection of intensity level.”

Avoid side effects!

- Do not use a second pulse on the same patch of skin!
- If burns or blisters appear, STOP IMMEDIATELY!

Avoid complications after using the Lumilisse Hair Remover!

- Avoid exposure to sunlight and other sources of UV light, such as tanning beds.
- “Exposure to sunlight” means continuous exposure to direct sunlight without protection for about 15 minutes or continuous exposure to indirect sunlight without protection for an hour.

Precautions for safe use prior to and during treatment

- Avoid exposure to the sun for 4 weeks prior to a treatment with the Lumilisse Hair Remover and again for 2 weeks following the treatment.
- Appropriate protection, like clothing that offers sufficient coverage or a sunscreen (with a protection factor higher than 50), should be used regularly 3 weeks before and after the treatment.
- Caution: It is important that you follow these instructions the same way if you are getting exposure to UV tanning light on a sun bed.
- If you have applied a self-tanning cream to your skin, wait until the cream’s tanning effect has disappeared completely before using your appliance.
- Always shave the area to be treated (except the face), and make sure you have clean, dry skin before using the Lumilisse Hair Remover. Do not use other methods of depilation, such as an epilator or wax.
- Make sure birthmarks and tattoos are covered during the Lumilisse Hair Remover treatment and also cover brown or black marks, as well as freckles, nevus (skin tags), warts or growths before using the Lumilisse Hair Remover. Dark skin or dark spots on

6

your skin may absorb too much light which can injure the skin. Cover the area with a material that will not absorb the light, such as white medical tape.

- Never look directly into the light emitted by the flash lamp. If the light reflected off your skin is uncomfortably bright, you may use sunglasses while using the device, provided they are not too dark to allow you to see where you are placing the device on your skin.
- Never use the Lumilisse Hair Remover on the tip of the breasts or the genital organs (male or female).
- Never use the Lumilisse Hair Remover on any part of the body where you might later want hair.
- Never use the Lumilisse Hair Remover on nose or ear hair.
- Never use the Lumilisse Hair Remover for anything but depilation.
- Never point the application surface of the Lumilisse Hair Remover to emit a light pulse into open space. Always ensure you point the treatment surface of the device at the skin and make sure it is in full contact with your skin before releasing a pulse.
- Never use the Lumilisse Hair Remover on a material other than skin.
- Never use the Lumilisse Hair Remover in an environment where a spark could cause an explosion, such as near a gas leak.
- Caution: Surfaces are hot. Do not touch the lens or application window with your fingers. Also ensure you keep the application surface clean. See point 7.2 on cleaning and maintenance of your Lumilisse Hair Remover.
- Never use flammable liquids, like alcohol (including perfume, deodorant or any other preparation containing alcohol) or acetone on your skin before using the Lumilisse Hair Remover.
- Using your Lumilisse Hair Remover may cause a temporary change in pigmentation (see “Warnings” and “Possible Side Effects”).
- Keep the device out of the reach of children. Do not use the Lumilisse Hair Remover on children or allow children to use it. Serious injury could result. This is not a toy!
- Do not use in the shower or in a wet environment.
- This device is not intended for use by people (adults and children) whose physical, sensory or mental capacities are reduced, or by persons who lack experience or knowledge, unless they are supervised or have been given instructions beforehand on the use of the appliance by a person responsible for their safety.
- Only use the Lumilisse Hair Remover for what it was intended to do and following the instructions of this manual.
- Do not use the unit if it has fallen or if it appears to be damaged.

As with all electrical devices, some precautions are necessary to ensure your safety when you use the Lumilisse Hair Remover.



Keep the Lumilisse Hair Remover away from all sources of water!

- The Lumilisse Hair Remover is an electrical device and should never come in contact with water.
- Do not store the Lumilisse Hair Remover in a place where it could drop or fall into a bath or washbasin or any other container with liquid in it. Do not put it in water or any other liquid. This could result in severe electric shock.
- Do not use your Lumilisse Hair Remover when taking a bath.
- Never use the Lumilisse Hair Remover if it is damp or wet.
- If the Lumilisse Hair Remover has fallen in water, **do not reach in and grab it.**
- Unplug the Lumilisse Hair Remover immediately if it has fallen into water.

7

- **Always unplug this device from the electrical outlet immediately after using and before cleaning.**
- Do not reach for any device that has fallen into water. **Unplug immediately.**
- Do not use while bathing or in the shower.
- Do not place or store device where it can fall or be pulled into a tub or sink.
- Do not place in, or drop into water or other liquids.
- Keep dry – Do not operate in wet or moist conditions.
- Do not handle plug with wet hands.



Do not attempt to open or repair your Lumilisse Hair Remover yourself.

- Do not attempt to open or to repair your Lumilisse Hair Remover yourself. Opening the device will expose you to dangerous electrical components and to the energy of the pulsed light, which could cause serious physical injury and/or irreversible eye damage.
- Please contact customer service if your Lumilisse Hair Remover is broken, damaged or needs repair.
- Your device should never be left unsupervised while plugged in or turned on.
- Do not plug in your Lumilisse Hair Remover if the cord or the plug is damaged. Keep the cord away from all heat sources.
- Stop using your unit if you notice a defect or if it appears defective or emits an abnormal noise or odor. In particular, stop using the unit immediately if the flash lamp is cracked or is stained.
- Always disconnect the Lumilisse Hair Remover adapter from the wall outlet immediately after use.
- Unplug your Lumilisse Hair Remover before you clean it.
- Only use the unit with the included Lumilisse Face and Body attachments.

4. Possible side effects

When your Lumilisse Hair Remover is used according to these instructions, side effects and complications are rare. Nonetheless, all cosmetic treatments, even those designed for use at home, involve some risks. Therefore, it is important to understand and accept these risks and possible complications when you use a pulsed light depilation system designed for use at home.

If you overlap pulses or administer multiple pulses on the same patch of skin, you may experience the following side effects (see Section 6 for instructions on how to use the unit correctly):

Side Effects	Severity/Likelihood of the Side Effect
Slight discomfort / mild stinging sensation in the skin	Light
Redness	Light
Hypersensitivity of the skin	Light
Burns or sores	Rare
Scarring	Rare
Change in pigmentation	Rare
Excessive redness of the skin and swelling	Rare
Infection	Rare
Bruising	Rare
Increased hair growth	Rare

■ Mild stinging sensation in the skin

Even though the pulsed light depilation is generally tolerated well, most people who use it feel a slight stinging sensation during use, also described as a prickling sensation on the area being treated. Generally, this sensation lasts throughout the application, even for a few minutes afterward. Any discomfort beyond this sensation is abnormal and means that either you must stop the treatment, because you cannot tolerate it, or you must lower the selected power level.

■ Redness

Your skin could become red just after use of the Lumilisse Hair Remover or in the 24 hours following treatment. The redness generally disappears within 24 hours. Consult your physician if it persists longer than 2 to 3 days.

■ Hypersensitivity of the skin

The skin is more sensitive in the area that has been treated and could dry out and flake.

■ Burns or sores

In rare circumstances, your skin may burn or blister after treatment (follow instructions in Section 6 for proper usage).

■ Scarring

Even though these cases are very rare, permanent scars may appear. Generally, the scars take the form of a whitish, superficial lesion (hypotrophic). Nonetheless, the scar may be large and red (hypertrophic) or large and extended beyond the injured area (keloid). If scarring occurs, consult your physician.

■ Change in pigmentation

The Lumilisse Hair Remover targets the hair roots, in particular, the pigmented cells of the bulb. Nonetheless, there is a risk of temporary hyperpigmentation (increase in the brown pigmentation or discoloration) or hypopigmentation (whitening) of the surrounding skin. The risk of change in pigmentation is higher among people with darker skin. Generally, the change in pigmentation and the discoloration are temporary. Cases of permanent hyperpigmentation or hypopigmentation are rare.

■ Excessive redness and swelling

In some rare cases, treated skin may become unusually red and swollen. This reaction is more common on sensitive areas of the body. The redness and the swelling should disappear within 2 to 7 days. During this time, you should especially avoid any exposure to the sun.

■ Infection

A skin infection is rare, but may occur after a burn or a lesion of the skin caused by the Lumilisse Hair Remover.

■ Bruising

Very rarely, using the Lumilisse Hair Remover may cause some blue or purple bruising which could last 5 to 10 days. As the blue disappears, the skin may take on a rusty color (hyperpigmentation) that could be permanent.

■ Increased hair growth

It is rare to see an increase in the density of hair growth in a treated area. Hair grows in cycles (see Section 5) and any increase in hair growth is generally temporary.

Please consult your doctor if you experience persistent or severe discomfort or irritation during or after the Lumilisse treatment.

5. Intense Pulsed Light Hair Removal

Device Indications for Use:

The Lumilisse IPL (Intense Pulsed Light) Hair Remover is an over-the-counter device intended for the removal of unwanted hair.

IPL, a safe, clinically proven technology, will eliminate unwanted hair gently and painlessly, leaving skin smooth and silky for a long time.

This epilation procedure produces a pulsed light that is absorbed by the melanin (the pigment in your hair), and carried to the bulb, where it is transformed into heat. The thermal effect painlessly destroys the hair and roots and prevents regrowth. This scientifically proven technology gives quick and lasting results.

The Lumilisse IPL Hair Remover offers a safe and long-lasting epilation in the privacy and comfort of your own home.

The Lumilisse Hair Remover is a hair-removal device that eliminates unwanted hair from the body (in particular, legs and arms), and from more sensitive areas (underarms, bikini line, lower half of the face – below the cheekbones).

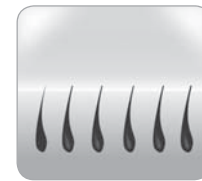
The Lumilisse Hair Remover can be used by adults aged 21 and older.

5.1 Long-lasting hair removal method with the Lumilisse Hair Remover

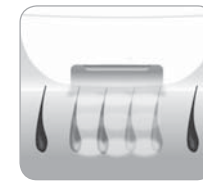
The Lumilisse Hair Remover is a long-lasting, personal photo-epilation device. The photo-epilation procedure (intense pulsed light) is well known and safe to use. It has been widely used by professionals for more than 15 years and clinical studies have proven that it is safe and effective in gradual, but long-lasting hair removal.

■ How does the light eliminate hair?

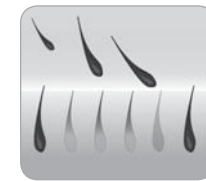
Photo-epilation is based on the theory of selective photothermolysis which uses optical energy to stop the growth of the hair. The pulsed light targets the pigment present in the hair to get through to the root and prevent the hair from growing back. Melanin is the pigment found in the hair, which first absorbs the light and then transforms the light into heat in order to stop the hair growth. The more melanin in the hair (i.e., the darker the hair), the more light it can absorb and the more efficient photo-epilation becomes.



Before a Lumilisse Hair Remover treatment



During the pulse emitted by the Lumilisse Hair Remover



After a Lumilisse Hair Remover treatment



Growth phase of the hair: Anagen



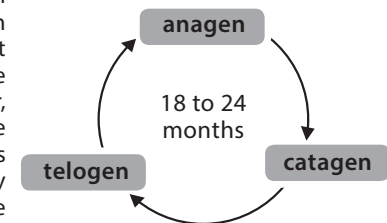
Transition phase: Catagen



Resting/dormant phase: Telogen

■ What impact does the growth cycle of the hair have on photo-epilation?

Every hair on our body has three growth phases: the anagen, catagen and telogen phases. These three phases play an important role in the process of photo-epilation. The anagen phase is the growth phase of the hair, while the catagen and telogen phases are both resting phases. The time the hair takes to go through its follicular cycle varies widely from one person to the next, and from one part of the body to the next. Typically a full cycle averages 18 to 24 months.



Most hair follicles are found at any one time in one of the two resting phases. During these phases, the Lumilisse Hair Remover will have no effect on the hairs. The intense pulsed light of the Lumilisse Hair Remover will only affect the hair that is in the anagen phase. That is why a full treatment with the Lumilisse Hair Remover will take as long as your own individual follicular cycle: You want to ensure that each hair gets exposed to the intense pulsed light during its anagen phase.

■ Optimizing the results by planning your Lumilisse Hair Remover sessions

A full follicular cycle takes on average from 18 to 24 months, during which sessions with

your Lumilisse Hair Remover will be necessary to obtain long-lasting results. The efficiency of the appliance will vary from one person to the next and will depend on the area being treated, the color of the hair and the way in which the appliance is used. There is no way to know exactly how long your individual follicular cycle will be, so it is best to monitor hair growth and use the Lumilisse Hair Remover until your hair growth has stabilized.

5.2 SKIN COLOR SENSOR SYSTEM – automatic detection of intensity level

For best results with the Lumilisse Hair Remover, plan your sessions well in advance.

The Lumilisse Hair Remover features 5 levels of intensity, running from the lowest (level 1) to the highest (level 5). The level of intensity indicates the intensity of the pulsed light applied to the skin when using the Lumilisse Hair Remover.

It is important to regulate the intensity level according to your skin color. Darker skin, which contains more melanin, needs lower intensity levels than lighter skin.

For effective and safe treatment, the Lumilisse Hair Remover is equipped with the Skin Color Sensor System, a skin color detection system that automatically regulates the light intensity applied to the skin.

Note that the skin color can vary from one body part to the next, and even on the same limb: Your lower arm, for instance, may have one color on the inside of the wrist, a darker color on the top of the underarm and a lighter color on the inside of the elbow. When in doubt, it is better to re-scan your skin with the skin color sensor to determine the best energy level to use. To scan, simply turn the unit over with the energy level indicator light LEDs, labeled 1 through 5, facing up so that the skin sensor touches your skin. It will read the skin color and suggest a power level. Press the trigger button on the handle to confirm the power level, or you can manually override the suggested power level by pushing the “+” or “-” buttons on the unit. Manually overriding the suggested power level is not recommended until you have used the device several times and have experience with how certain power levels affect your skin (see included skin color chart).

Description of the different skin color types or phototypes according to Fitzpatrick

Phototypes	Skin color	Characteristics	Recommended degrees of intensity
I	very white, milky	Does not tan with constant sunbathing	Level 3 ●●●○○
II	light	Tans a little with frequent sunbathing	Level 3 ●●●○⊗
III	beige	Tans to a degree with occasional sunbathing	Level 2 ●●○○⊗
IV	light brown	Tans easily with little sunbathing	Level 2 ●●○⊗⊗
V	dark	Tans very easily with hardly any sunbathing	Using Lumilisse Hair Remover is not permitted
VI	very dark, black		Using Lumilisse Hair Remover is not permitted

● : recommended level.

○ : level authorized if there is no discomfort and no side effects following the previous session.

⊗ : level not authorized.

5.3 Planning depilation sessions with the Lumilisse Hair Remover

You should plan your depilation sessions with the Lumilisse Hair Remover in advance!

We recommend you use the following schedule, which has delivered excellent results:

- The first 4 depilation sessions with the Lumilisse Hair Remover should be 2 weeks apart.
- The following depilation sessions with the Lumilisse Hair Remover should be 4 weeks apart (until the desired result is achieved).
- If hair grows back subsequently, you will then use the Lumilisse Hair Remover on an occasional basis to achieve lasting results, ensuring at least 4 weeks between the depilation sessions.

1st month							2nd month					3rd month								
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
4th month							5th month							6th month						
1	2	3	4	5	6	7				1	2	3	4						1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30

NOTE:

- Treating the same area more than once in a two-week period does not improve results and risks having undesired effects.
- It is recommended that you use the Lumilisse Hair Remover with moderation, i.e., not repeating the treatment with the Lumilisse Hair Remover indefinitely. A full treatment (9 to 10 depilation sessions in total) performed once every year is sufficient for very satisfactory results.

NOTE: *Hormonal factors and physiological changes can cause resting hairs to become active. Maintenance depilation sessions with the Lumilisse Hair Remover can be performed (with at least 4 weeks between the sessions).*

Duration of a session with the Lumilisse Hair Remover

Treatment area	Average length of treatment	Mode used
Half leg	8 to 10 minutes	Glide mode
Leg	15 minutes	Glide mode
Back	5 minutes	Glide mode
Torso	5 minutes	Glide mode
Bikini line	2 minutes	Precision mode
Armpit	1 minute	Precision mode
Face	1 minute	Precision mode

NOTE: *The different operating modes (Glide and Precision) are explained in Section 6.4.*

5.4 Expected depilation results

The first results are visible after 4 sessions and you can expect to achieve a very significant decrease in the amount of hair after 9 to 10 sessions.

The results will vary from one person to the next and according to the type of hair and biological factors that determine the growth cycle of the hair.

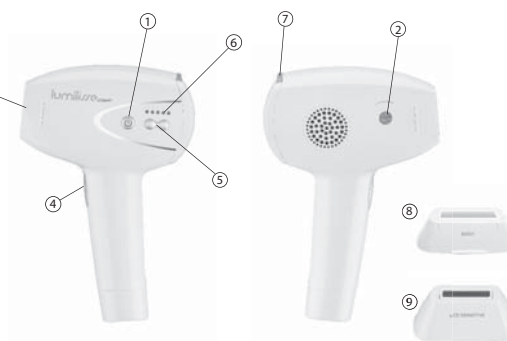
Some people achieve results more or less quickly than the average number of sessions that we recommend.

Long-lasting results cannot be expected after just one or two sessions. Here again, the duration of the resting cycle of the hair follicles varies from one area of the body to the next.

NOTE: The Lumilisse Hair Remover is not effective on white, light red or light-colored hair.

5.5 Description of the Lumilisse Hair Remover

- ① ON/OFF switch
- ② Skin **COLOR** sensor
- ③ Application Surface with Skin **CONTACT** sensor system
- ④ Trigger Button
- ⑤ Intensity selectors
- ⑥ Intensity level LED indicators
- ⑦ READY LED indicator
- ⑧ Attachment for Body
- ⑨ Attachment for Face/Sensitive areas



5.6 Quartz technology

Your Lumilisse IPL Hair Remover has a high performance flash lamp with an exceptionally long life thanks to quartz technology. This technology offers the flash lamp an extraordinary durability, resulting in extra-long usage. With no replacement to buy, the lamp included offers results for many years, for a lasting, effective and less expensive treatment.

5.7 Using the Lumilisse Hair Remover safely

Safety is a priority with the Lumilisse Hair Remover

Intense Pulsed Light (IPL) technology provides maximum safety and minimum risk. Epilation using the Intense Pulsed Light technology lets you achieve long-lasting results. The Lumilisse Hair Remover’s low energy use reduces the chances of injury or complications and contributes to your overall safety.

The Lumilisse Hair Remover has a system to protect your eyes

The Lumilisse Hair Remover is designed with a built-in system (skin contact sensor) that will protect your eyes. This was designed so that the pulse cannot be emitted if the Lumilisse Hair Remover is aimed at open space. The safety mechanism only allows the unit to work when the application surface (colored treatment window) is touching the skin. Do not look at the area being treated when the unit flashes. Light will be visible even if the unit is in full contact with your skin. This is part of the normal operating procedure. It is safe, but if the light is uncomfortable or too bright, you may wear sunglasses or goggles for your convenience. Just make sure that the glasses / goggles allow you to clearly see where you are placing the device on your skin.

6. Use of the Lumilisse Hair Remover

6.1 Preparing the skin

Body

Before you use the Lumilisse Hair Remover on the body, your skin must be shaved (24 hours beforehand), clean, dry and free from any residue of powder or deodorant. Warning: Do not depilate (with an electric depilator, tweezers or waxing) before using Lumilisse Hair Remover. Epilating (removing hair from the root) would prevent intense pulsed light (IPL) treatment from having any effect.



Face

Do not shave the different areas of the face before use.

Before using the Lumilisse Hair Remover on the face, remove all traces of cream, lotion or makeup. Warning: Do not depilate (with an electric depilator, tweezers or waxing) before using the Lumilisse Hair Remover. Epilating (removing hair from the root) would prevent intense pulsed light (IPL) treatment from having any effect.



6.2 Carrying out a test with the Lumilisse Hair Remover

Carry out a test with the Lumilisse Hair Remover 48 hours before the first use.

1. Plug the adapter cord into the power jack on the handle of the Lumilisse Hair Remover (FIG. 1 on the included Quick Start Usage Guide.)
2. Plug the other end of the adapter into a power outlet.
 - > The ON/OFF button turns on and is orange in color (FIG. 2).
3. Switch on the unit by pressing the ON/OFF button (FIG. 3).
 - > The ON/OFF button turns green.
 - > The power level 1 LED indicator is on. Level 1 is programmed by default when the unit is switched on (FIG. 4).
4. Place the unit Skin Sensor on the area of skin where you wish to perform the test (we recommend a leg) (FIG. 5).
 - > The intensity level LED indicator(s) switch on and flash, showing that the unit has successfully detected the phototype of the area of skin to be depilated and has adjusted the power level automatically (FIG. 6).
5. Press the trigger button on the handle once to confirm (FIG. 7).
 - > The intensity level LED indicator(s) stop flashing (FIG. 8).
6. Position the application surface on the area of skin detected and keep the application surface still, in position, to ensure total contact.
 - > The Ready LED flashes green when the unit is correctly positioned on the skin and ready to release a light pulse (FIG. 9).
7. Press the trigger button to release a light pulse onto the skin (FIG. 10).

NOTE: You may feel a **slight** hot sensation and tingling. This is normal.

8. Move the application surface to another area of skin and press the trigger button to release another light pulse. Take care not to overlay the light pulses.

If you do not experience any abnormal reactions or discomfort

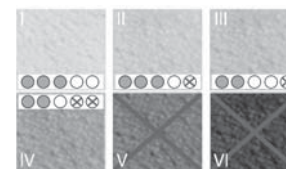
(FIG. 11) 48 hours after the test, you may start treatment and move onto Chapter 6.3, "Treatment with Lumilisse Hair Remover."

If your skin does not react correctly to the test (FIG. 18), if you experience any abnormal reactions or discomfort after 48 hours, perform a second test at intensity level 1, whatever your phototype, without considering the Skin Sensor, and wait 48 hours (FIG. 19-20-21).

- If you react correctly to this second test, proceed with the first treatment session, manually selecting level 1.
- If your skin does not react correctly to this second test, we recommend not using the appliance.

For subsequent sessions, if there is absolutely no discomfort or side effects, you may gradually increase the power level over the sessions, with respect to the table below and using the intensity choice log to help you;

- Phototype I: ●●●○○
- Phototype II: ●●●○○⊗
- Phototype III: ●●○○⊗
- Phototype IV: ●●○○⊗⊗



6.3 Treatment with the Lumilisse Hair Remover

We recommend that you always use the Skin Sensor on your skin before each depilation session and each change to the treatment area. Remember that different areas on the same limb may be different skin colors (e.g., inside wrist and top of underarm). When you first start out using the Lumilisse Hair Remover, start on your body, not your face, using the body attachment until you gain confidence using the unit.

1. Plug the adapter cord into the power jack on the handle of the Lumilisse Hair Remover (FIG. 1 on the Quick Start Usage Guide included).
2. Plug the other end of the adapter into a power outlet.
 - > The ON/OFF button turns on and is orange in color (FIG. 2).
3. Switch on the unit by pressing the ON/OFF button (FIG. 3).
 - > The ON/OFF button turns green.
 - > The power level 1 LED indicator is on. Level 1 is programmed by default when the unit is switched on (FIG. 4).
4. Place the unit Skin Sensor on the area of skin where you wish to perform treatment (FIG. 12).
 - > The intensity level LED indicator(s) switch on and flash, showing that the unit has successfully detected the phototype of the area of skin to be depilated and has adjusted the power level automatically (FIG. 13).
5. Press once on the trigger to confirm (FIG. 14).
 - > The intensity level LED indicator(s) stop flashing (FIG. 15).
6. Position the application surface on the area of skin detected and keep the application surface still, in position, to ensure total contact.
 - > The Ready LED flashes green when the unit is correctly positioned on the skin and ready to release a light pulse (FIG. 16).
7. Press the trigger button to release a light pulse onto the skin (FIG. 17).

NOTE: You may feel a **slight** hot sensation and tingling. This is normal.

8. Move the application surface to another area of skin and press the trigger button to release another light pulse. Take care not to overlay the light pulses.

Only if there are absolutely no side effects following the previous session, you may increase the power level manually to increase effectiveness. Please refer to the chart on page 17 for intensity levels recommended for your phototype. Do not increase intensity by more than one level per session, and do not surpass the level recommended for your skin type.

If you experience any discomfort, reduce to the previous power level.

NOTE: If a non-authorized level has been reached using the manual control with respect to the skin color determined by the Skin Sensor, the power level LED indicator in question will flash 3 times to indicate a non-authorized level. We therefore recommend manually reducing the power level to an authorized level.

6.4 Operating modes

The Lumilisse Hair Remover features two operating modes: Precision mode and Glide mode. The two modes differ in how the light pulse is triggered. In Precision mode, you manually trigger each pulse by pressing the trigger button. In Glide mode, you press and hold the trigger button as you slide the unit across your skin, with flashes being automatically released at a rate preset for each intensity level. Glide mode allows you to move a little faster.

Start out in Precision mode. If you have successfully used Precision mode several times and feel comfortable with your experience level, you can try the Glide mode, being careful not to overlap treatment areas.

A. Precision mode



Precision mode allows you to safely treat the more hard-to-reach, sensitive areas of the body (face, armpits, bikini line, etc.).

To treat the face, fit the special facial attachment to the top of the device and follow the safety precautions described in the chapter on facial depilation with the Lumilisse Hair Remover.

Follow these steps:

See steps 1 to 8 of chapter 6.3, "Treatment with the Lumilisse Hair Remover."

B. Glide mode



In Glide mode, the light pulses from your Lumilisse Hair Remover are released automatically and constantly without any additional actions being necessary (36 light pulses per minute, constantly, at level 1).

Follow these steps:

1. To activate Glide mode, repeat steps 1 and 6 of chapter 6.3, "Treatment with the Lumilisse Hair Remover." Then correctly place the application surface of the Lumilisse Hair Remover against your skin while holding down the trigger button on the device.
2. Glide the Lumilisse Hair Remover over your skin without interruptions, in a slow, continuous movement, without making any up or down movements.

NOTE:

- If you remove the Lumilisse Hair Remover from your skin while holding down the trigger button, it will stay in Glide mode for 5 seconds. However, for your own safety, the pulsed light will only be released if the Lumilisse Hair Remover is in full contact with your skin. You should ensure that the application surface of the Lumilisse Hair Remover is in full contact with your skin in order to allow it to glide.
- If the application surface of the Lumilisse Hair Remover is not in full contact with your skin, you will have 5 seconds in which to ensure that the Lumilisse Hair Remover is in full contact, while holding down the trigger button. If that window of 5 seconds is exceeded and there is still not complete contact with the skin, Glide mode will be deactivated and then you release the trigger button and press it again to reactivate Glide mode.
- If you lift up the unit and release the trigger, Glide mode will be deactivated.

Glide mode is suitable for people who already have some experience and proficiency when using the Lumilisse Hair Remover. With 36 pulses per minute (at level 1), Glide mode provides safe and fast treatment of larger areas of the body (legs, back, arms, torso). For sensitive areas, the face and for the first few times using the Lumilisse Hair Remover, you should use Precision mode.

6.5 Coverage of the treatment area



For proper coverage of the treatment area, the light pulses need to be applied to your skin in lines, from one extremity to the other, systematically continuing in successive lines. This prevents the side effects caused by overlapping of the light pulses.

The imprints left on your skin by the pressure from the application surface of the Lumilisse Hair Remover should help you to align yourself correctly to apply each new pulse, to avoid pulses overlapping or, on the other hand, to avoid the pulses being spaced too far apart. Helpful hint: Some people find it helpful to use a white eyeliner to draw a grid pattern on the body part to be depilated. Do not use any color other than pure white.

6.6 Facial depilation with the Lumilisse Hair Remover

Depilating the face needs very special attention because the skin on the face is particularly delicate and sensitive. This is why the Lumilisse Hair Remover is equipped with a special facial attachment. The special facial attachment is targeted and extremely precise, limiting the light spectrum for treatment that is appropriate for sensitive facial skin.

Safety precautions for facial depilation:

- **The Lumilisse Hair Remover is only suitable for depilating the lower part of the face (cheeks, upper lip and chin).**
- **The Lumilisse Hair Remover is not suitable for depilating eyelashes, hair and eyebrows.**
- **Do not look at the area of skin being treated while the light pulses are being released. Close your eyes while the pulses are being emitted. If the bright light is uncomfortable, we suggest wearing sunglasses.**
- **Do not use the Lumilisse Hair Remover around the eyes.**
- **Do not shave the different areas of the face before use.**
- You must use the special facial attachment to depilate the face using the Lumilisse Hair Remover.



- The Lumilisse Hair Remover is not suitable for treating men's beards.
- For your comfort and safety, we recommend that you have someone help you use the Lumilisse Hair Remover on your face for the first few sessions, once they have familiarized themselves with the instruction manual.
- **NOTE:** The Glide mode is not available for facial depilation.
- You must wait 5 seconds between each pulse of light when using the device on the face. Any facial depilation session with the Lumilisse Hair Remover must not last any longer than 10 minutes.

Positioning the special facial attachment

To fit or remove the facial attachment, the device must be switched off and unplugged. Gently grasp the facial attachment between the thumb and index finger to fit or remove it.

NOTE: Remove the facial attachment and place the body attachment on the Lumilisse Hair Remover appliance to treat legs, back and arms.

WARNING: Hot surfaces. Do not touch the application surface of the facial attachment with your fingers.

NOTE: The Lumilisse Hair Remover has a system to protect your eyes, a contact sensor that prevents the unit from releasing a pulse if its application surface is not in full contact with your skin. If the unit is not in full contact with your skin, it will not release a pulse of light. Make sure, therefore, that the application window touches your skin on all sides so that the safety contact sensors are touching your skin on all sides around the flash lens.

7. After using the Lumilisse Hair Remover

NOTE: The Lumilisse Hair Remover will turn off automatically if you do not use the device for more than 10 minutes. The ON/OFF button is now orange. To use the Lumilisse Hair Remover again, you have to press the ON/OFF button and select the required level of intensity again.

7.1 Switching off the Lumilisse Hair Remover

At the end of your depilation session, switch off the Lumilisse Hair Remover by pressing the ON/OFF button.

Unplug the adapter from the power outlet.

Storage: When not in use, your device should be disconnected and stored in a safe, dry location out of the reach of children.

7.2 Cleaning

We recommend that you clean the Lumilisse Hair Remover, especially the application window, before every depilation session. Do not clean after use because the unit may be hot.

- Unplug the Lumilisse Hair Remover before cleaning.
- Gently clean the casing of the Lumilisse Hair Remover and especially the application surface, using a clean, dry cloth. Do not use harsh chemicals.
- After cleaning, store the Lumilisse Hair Remover in its original box in a dry, safe place.
- Never immerse your Lumilisse Hair Remover, or any of its parts in water.

7.3 Caring for the skin following an epilation session with the Lumilisse Hair Remover



Avoid exposing the treated areas to sun. Protect your skin with a sunscreen throughout the treatment and for at least two weeks after the last session with your Lumilisse Hair Remover. Do not use scented cream or deodorant on the treated areas after your sessions.



Side effects and complications

Some users may notice a change in pigmentation following a treatment with the Lumilisse Hair Remover. These effects, if they appear, are generally slight and temporary.

If you experience complications, stop using the appliance immediately and contact your healthcare provider.

8. Lifespan of your Lumilisse Hair Remover

8.1 Lifespan

With an exceptionally long life, the Lumilisse Hair Remover flash lamp releases all its light pulses without a decline in energy.

When the unit is at the end of its life, the ON/OFF indicator light will flash orange. The unit is now permanently disabled.



Do not use the unit if large stains appear inside the flash lamp or if the application surface is broken. Contact Conair Customer Service.

9. Troubleshooting

9.1 My Lumilisse Hair Remover won't start

Ensure the adapter is properly connected to your Lumilisse Hair Remover and plugged into a wall outlet.

9.2 There are no pulses when I press the release mechanism

Ensure that the application surface is evenly and firmly in contact with your skin and that the Ready indicator light is flashing; this indicator light guarantees that the unit is in full contact with your skin. For your safety, the release switch will be able to release a pulse only if the application surface is firmly pressed against your skin.

- Make sure the Ready light is lit.
 - If after 10 seconds the Ready light is still off, switch your Lumilisse Hair Remover off and on again by pressing the ON/OFF button twice.
 - If the problem persists, contact Conair customer service.
- Make sure the ON indicator light is lit.
 - If it is lit, switch your Lumilisse Hair Remover off and on again by pressing the ON/OFF button.
 - If the problem persists, contact Conair Customer Service.
- The ON/OFF indicator light is orange.
 - The unit has switched to the safety mode because it has detected that it is overheated or there is a critical problem. Under circumstances like these, switch the unit off and allow it to cool for 15 minutes before switching it on again.
 - If the problem persists, contact Conair Customer Service.

- The ON/OFF indicator light flashes in orange.
 - The adapter being used to connect your Lumilisse Hair Remover to the wall outlet is not the one supplied with your unit, is defective, or the unit has reached the end of its life (after approximately 300,000 flashes).
 - Check to make sure the adapter you are using is the one that was supplied with the unit. If the problem persists, contact Conair Customer Service.

9.3 Customer Service

If you still have problems with your Lumilisse Hair Remover, do not return the unit to the store where you bought it, but call Customer Service at 1-800-3-CONAIR (1-800-326-6247).



Do not attempt to open or repair your Lumilisse Hair Remover yourself.

Opening your Lumilisse Hair Remover could expose you to dangerous electrical parts and the energy of the pulsed light, which could cause serious physical injury and/or irreversible eye injury. Opening your Lumilisse Hair Remover could also damage the unit and will void the warranty. Please contact Conair Customer Service if your unit is broken or damaged and requires repair.

If your unit is broken, damaged, needs repair or if you need any assistance, please contact Conair Customer Service.

Conair Corporation
Service Department
150 Milford Road
East Windsor, NJ 08520

Conair Corporation
Service Department
7475 N. Glen Harbor Blvd.
Glendale, AZ 85307

1-800-3-CONAIR
www.conair.com

10. Warranty

LIMITED ONE-YEAR WARRANTY (U.S. AND CANADA ONLY)

Conair will repair or replace, at our option, your appliance free of charge for 12 months from the date of purchase if the appliance is defective in workmanship or materials.

To obtain service under this warranty, return the defective product to the service center listed above that is nearest you, together with your sales slip and \$5.00 for postage and handling. California residents need only provide proof of purchase and should call 1-800-3-CONAIR for shipping instructions. In the absence of a receipt, the warranty period shall be 12 months from the date of manufacture.

ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE 12-MONTH DURATION OF THIS WRITTEN, LIMITED WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

IN NO EVENT SHALL CONAIR BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. Some states do not allow the exclusion or limitation of special, incidental, or consequential damages, so the above limitation may not apply to you. This U.S. and Canada warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Please register this product at: www.conair.com/registration

11. FAQ

1. Is the Lumilisse Hair Remover truly effective?

Yes. Clinical tests have proven that the Lumilisse Hair Remover achieves long-lasting results.

2. On what parts of the body can I use the Lumilisse Hair Remover?

The Lumilisse Hair Remover has been designed for removal of body hair below the cheekbones. The areas most commonly treated with the Lumilisse Hair Remover are the legs, underarms, arms, and the bikini line. With the facial attachment, you can also treat the lower part of the face.

3. How long is a depilation session with the Lumilisse Hair Remover?

See Chapter 5.3 about the approximate duration of the session.

4. Is the Lumilisse Hair Remover safe?

Your safety is our first priority. When we designed the Lumilisse Hair Remover, very strict standards were followed when testing and approving it for use at home. But as with any electronic unit that comes in contact with the skin, the user must follow the instructions and strictly adhere to the safety protocols.

5. Are treatments using the Lumilisse Hair Remover painful?

When used properly, most Lumilisse Hair Remover users report a slight heat sensation when the unit pulses. Users with darker and thicker hair sense a little more discomfort. But these sensations ease and disappear at the end of the session.

6. How often should I use the Lumilisse Hair Remover?

The first 4 sessions with the Lumilisse Hair Remover should be 2 weeks apart. The next sessions should be 4 weeks apart until you achieve the desired results.

7. Is the Lumilisse Hair Remover effective on white, gray, or blond hair?

The Lumilisse Hair Remover is most effective on dark hair or on those containing more melanin. Melanin, the pigment that gives color to skin and hair, absorbs optical energy. Black and dark brown hair respond best to the treatment. Brown and light brown hair also respond, but these will need a few more sessions. Red hair may respond partially to the treatment. Generally, white, gray, or blond hair does not respond to the treatment, but some users have noticed results after several depilation sessions.

8. Can I use the Lumilisse Hair Remover on brown or black skin?

Do not use the Lumilisse Hair Remover on dark skin! The Lumilisse Hair Remover eliminates hair by targeting the follicular pigment. Pigments are also found in varying quantities in the surrounding dermal tissues. The quantity of pigments in a person's dermis, visible through the color of the skin, defines the level of risk to which he or she is exposed by using the Lumilisse Hair Remover. Treating dark skin with the Lumilisse Hair Remover may involve risks like burns, blisters and changes in skin color (hyper- or hypopigmentation). Please consult the table showing the different phototypes and follow the usage recommendations in this section (Section 5.2 / Page 12).

9. When will I see the first results with the Lumilisse Hair Remover?

Like all other photo-epilation methods, the results are not immediate; you may even have the impression that nothing is happening. The hair will sometimes appear to continue growing after a session, but after two weeks, most of this hair will simply fall

out. This is why you will need to have several sessions before achieving the expected results.

10. Can men use the Lumilisse Hair Remover?

The Lumilisse Hair Remover can be used by men. However, men’s hair, especially chest hair, will require more sessions to achieve the desired results.

11. Why does hair grow back in the area that I treated last week?

It is quite common for hair to appear to continue to grow for one to two weeks after a depilation session with the Lumilisse Hair Remover. This process is known as "ejection." After two weeks, you will notice that this hair falls out or comes away from its follicle. Note that we recommend you do not pull the hair from the follicle – let it fall out naturally. Moreover, some hair will not be affected by the Lumilisse Hair Remover either because of poor application or because the hair was in its dormant phase. This hair will be treated in the following sessions, hence the need for several sessions to achieve the expected results with the Lumilisse Hair Remover.

12. I've heard that some hair grows back lighter and finer after photo-epilation. Is this true?

This phenomenon is well documented by beauticians and doctors who use pulsed light devices for depilation treatments. It is possible that some hair grows back lighter and finer after a Lumilisse Hair Remover session. Generally, this hair only represents a tiny part of the original hair growth; treatments should therefore be continued to achieve the desired result.

13. Is long-term use of the Lumilisse Hair Remover dangerous for my skin?

Over the last 15 years, the use of the pulsed light in aesthetic medicine has been well documented in professional journals. These journals and institutions have not reported any side effects or injuries connected with long-term use of pulsed light devices.

14. Can I use the Lumilisse Hair Remover to eliminate chin or facial hair?

Yes, but the Lumilisse Hair Remover is only recommended for areas below the cheekbones. Do not use on eyelashes or eyebrows. Do not use on men’s beards.

15. How long should I wait before using the Lumilisse Hair Remover if I am not protected from the sun’s rays?

You should avoid exposure to the sun before and after treatment with the Lumilisse Hair Remover no matter which part of the body has been treated. You must use suitable protection, e.g., a covering garment or a sunscreen (with a protection factor of 50+) which you should then use regularly for three weeks before and after treatment. Ideally, you should wait 4 weeks before using the Lumilisse Hair Remover if you have been exposed to the sun without protection. If you have any doubt about your skin exposure, consult your doctor.

16. What should I do before I use the Lumilisse Hair Remover?

Before each session with the Lumilisse Hair Remover, it is important that the area to be treated has not been exposed to the sun for at least 4 weeks. A sunscreen with a high protection factor (protection factor of 50+) should be used to protect the skin, as well as clothes that cover the area to be treated. The area to be treated should be washed with soap and water beforehand and then shaved clean of hair. (Shaving is fine, but do not use other methods of depilation, such as an electrical epilator or wax. **NOTE:** Do not shave the areas of your face that you want to treat.)

17. How do I take care of the treated area after using the Lumilisse Hair Remover?

The area treated with the Lumilisse Hair Remover may be cleaned and cared for with high-quality skincare products. Specific precautions should be taken to avoid unprotected exposure to the sun. Sunscreens with a higher protection factor (protection factor of 50+) and long-sleeved clothing are good protection against the sun.

18. Should I remove hair between and after treatments?

No, do not remove hair during or after treatments. The hair will fall out on its own naturally and gradually. This stage may last up to two weeks.

12. Specifications

Point of impact	Body lamp: 4.0 cm ² Facial lamp: 2.0 cm ²
Repetition rate	At level 1, one pulse every 1.6 seconds. At level 5, one pulse every 3.5 seconds.
Light intensity	At level 1: 2.0 J/cm ² At level 2: 3.0 J/cm ² At level 3: 3.5 J/cm ² At level 4: 4.0 J/cm ² At level 5: 4.5 J/cm ²
Wavelength	550 - 1200 nm (when using with body lens) 600 - 1200 nm (when using with facial lens)
Required wiring	100 - 240 VAC, 3.5 A

Operation Conditions

Temperature	+10°C to +35°C
Relative Humidity	30% to 75%
Atmospheric Pressure	700 to 1060hPa
Storage and Transportation Conditions (device only)	
Temperature	-40°C to +70°C
Relative Humidity	30% to 75%
Atmospheric Pressure	500 to 1060hPa

13. Standards

Testing Standards	tested to IEC standards for medical devices (IEC 60601-1, IEC 60601-1-11, IEC 60601-1-2, IEC 60601-2-57), photobiological safety of lamp and lamp systems (IEC 62471), cyto-toxicity (ISO 10993-5:2009), skin sensitization (ISO 10993-10:2010), irritation (IOS 10993-10:2010)
-------------------	---

14. Electromagnetic Compatibility Conformance

- * This product needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.
- * Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.
- * Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!

4. * Caution: This machine should not be used adjacent to or stacked with other equipment, and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

Guidance and manufacturer's declaration – electromagnetic immunity		
The Lumilisse Hair Remover (IPL960F) is intended for use in the electromagnetic environment specified below. The customer or the user of the Lumilisse Hair Remover (IPL960F) should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The Lumilisse Hair Remover (IPL960F) use 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 emission CISPR 11	Class B	The Lumilisse Hair Remover (IPL960F) is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

Guidance and manufacturer's declaration – electromagnetic immunity			
The Lumilisse Hair Remover (IPL960F) is intended for use in the electromagnetic environment specified below. The customer or the user of Lumilisse Hair Remover (IPL960F) should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air ±2 kV for power supply lines ± 1 kV line(s) to line(s) <5% UT (>95% dip in UT) for 0.5 cycle	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air ±2 kV for power supply lines ± 1 kV line(s) to line(s) <5% UT (>95% dip in UT) for 0.5 cycle	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	40% UT (60% dip in UT) for 5 cycles	40% UT (60% dip in UT) for 5 cycles	Mains power quality should be that of a typical commercial, hospital, or home environment.
Surge IEC 61000-4-5	70% UT (30% dip in UT) for 25 cycles	70% UT (30% dip in UT) for 25 cycles	Mains power quality should be that of a typical commercial, hospital, or home environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>95% dip in UT) for 5 sec	<5% UT (>95% dip in UT) for 5 sec	Mains power quality should be that of a typical commercial, hospital, or home environment. If the user of the Lumilisse Hair Remover (IPL960F) requires continued operation during power mains interruptions, it is recommended that the Lumilisse Hair Remover (IPL960F) be powered from an uninterruptible power supply or a battery.
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial, hospital, or home environment.
NOTE: UT is the AC's main voltage prior to application of the test level.			

Guidance and manufacturer's declaration – electromagnetic immunity			
The Lumilisse Hair Remover (IPL960F) is intended for use in the electromagnetic environment specified below. The customer or the user of the Lumilisse Hair Remover (IPL960F) should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment – guidance
Conducted RF IEC 61000-4-6	3 V 0.15 MHz to 80 MHz 6 V in ISM and amateur radio bands between 0.15 MHz and 80 MHz	3 V 0.15 MHz to 80 MHz 6 V in ISM and amateur radio bands between 0.15 MHz and 80 MHz	Portable and mobile RF communications equipment should be used no closer to any part of the IPL960F, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1,2\sqrt{P}$ $d = 1,2\sqrt{P}$ 80 MHz to 800 MHz $d = 2,3\sqrt{P}$ 800 MHz to 2,5 GHz
Radiated RF IEC 61000-4-3	10 V/m 80 MHz to 2.6 GHz	10 V/m	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 meters (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:
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.			

- a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radios, AM and FM radio broadcasts and TV broadcasts 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 which the Lumilisse Hair Remover (IPL960F) is used exceeds the applicable RF compliance level above, the Lumilisse Hair Remover (IPL960F) should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Lumilisse Hair Remover (IPL960F).
- b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended separation distances between portable and mobile RF communications equipment and the Lumilisse Hair Remover (IPL960F)			
The Lumilisse Hair Remover (IPL960F) is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Lumilisse Hair Remover (IPL960F) can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Lumilisse Hair Remover (IPL960F) 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 2.6 GHz $d = 2,3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (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.			

15. Packaging - Labeling

Waste and electrical and electronic equipment

CE Marking

Following the usage guidelines

Moisture protection: Keep dry



This appliance is not intended to be used near a flammable mixture of anesthetic and air or with oxygen or nitrous oxide.

