

LUMINANCE RED

User Manual

English



Congratulations on your new Luminance RED!

The Luminance RED is a photobiomodulation (PBM) device that has been carefully designed for safe and effective home use.

Please read through the entire user manual before using.

- 1. Important Safeguards & Warnings**
- 2. Packing List**
- 3. Operation Parts**
- 4. Connecting & Charging**
- 5. Using Your Luminance RED**
- 6. Maintenance & Tech Specs**

IMPORTANT SAFEGUARDS

DANGERS

To reduce the risk of electrocution:

1. Do not place or store the charger where it can fall or be pulled into a tub or sink.
2. Do not place the charger in water or other liquid.
3. Do not reach for a charger that has fallen into water. Unplug immediately.
4. Do not shine the device into the eyes.
5. Do not use while bathing.

WARNINGS

To reduce the risk of burns, electrocution, fire or injury:

1. Close supervision is necessary when this product is used by, on, or near children or invalids.
2. Use this product only for its intended use as described in this manual. Do not use attachments that not recommended by the manufacturer.
3. Keep the cord that attaches to the charging base away from heated surfaces.
4. Never drop the device or insert any object into any opening of the device.
5. Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or if it has been dropped into water.

IMPORTANT

1. Periodically check the cord for damage. A damaged or non-functioning unit should no longer be used.
2. Do not touch the power plug with wet hands. This can cause an electric shock.
3. When unplugging, always hold the power plug instead of the cord.
4. Do not modify or repair the product. This may cause fire, electric shock, or injury. Do not disassemble the product, except when disposing of the battery.
5. Do not remove the rechargeable battery from the device. It is designed to remain inside during charging and use.
6. This product is not intended for use by children under the age of 16 without parental supervision and assistance.
7. Please only use the original power adapter, as other adapters may cause damage to the lithium battery and control circuit.
8. Metal or any other conductors are never to touch the metal conductor on the bottom of the device. This will prevent electrical damage to the internal circuit board or lithium battery.
9. Avoid electromagnetic interference in the environment (such as microwave ovens nearby) when using your device.
10. Do not share the Luminance RED amongst friends or family. The device is for individual use only. If different people want to use the device, purchase an additional unit, or contact Luminance Medical Ventures at info@luminancemedical.com to purchase a separate fiber optic tip for each additional user.
11. The Luminance RED is a natural, non-invasive, and chemical & drug-free therapy. However, out of caution, we recommend you consult with your healthcare provider if you take photosensitizing drugs like Tetracycline, Digoxin, Retin A, and others.
12. The Luminance RED only delivers blue and red wavelengths of light that have been demonstrated in clinical studies to be safe and effective. However, we always recommend consulting with your healthcare provider for specific questions about your health conditions.
13. The fiber optic tip is composed of delicately crafted glass and metal which is fragile. Be careful when handling it.

Packing List

Body (Main Device)	1
Optic Fiber Light Guide (Black Metal Tip of Device)	1
Power Cord (Electric Power Adapter)	1
Charging Base	1
User Manual	1

Operation Parts



1. POWER: Indicator Light

2. Digital Display Screen
(Countdown Timer)

3. BLUE: Start or Pause a
90-Second Blue Light Treatment

4. RED: Start or Pause a
90-Second Red Light Treatment

5. ON/OFF: Powers the Device On
or Off

Connecting and Charging

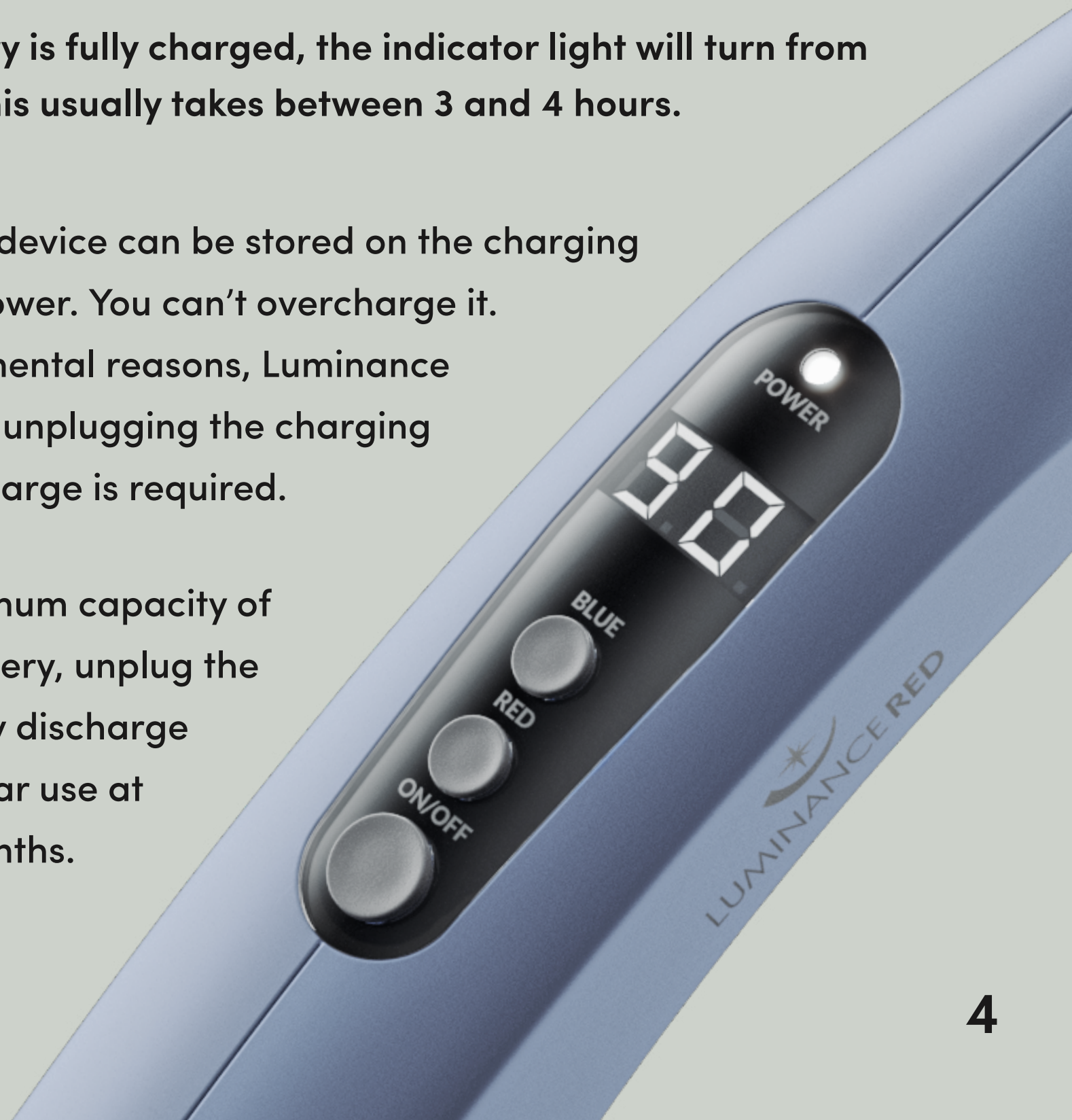
Your Luminance RED is engineered for safe use in the bathroom and elsewhere around your home.

When the battery power is too low, it will beep 3 times and automatically power off.

- 1** Plug the charging base (charger) into an electrical outlet. When it is plugged in correctly, the light will turn green and flash red.
- 2** Place the Luminance RED into the base with the digital timer facing towards you.
- 3** When the device is charging correctly, the indicator light on the charger will turn red.
- 4** Once the battery is fully charged, the indicator light will turn from red to green. This usually takes between 3 and 4 hours.

For everyday use, the device can be stored on the charging unit to maintain full power. You can't overcharge it. However, for environmental reasons, Luminance Medical recommends unplugging the charging unit until the next recharge is required.

To maintain the maximum capacity of the rechargeable battery, unplug the charging unit and fully discharge the battery with regular use at least once every 6 months.



Using Your Luminance RED

Before using your device, cleanse your face to remove all dirt and makeup. The blue and red light wavelengths from the Luminance RED are most effective on clean, dry skin.

- 1** Pressing the ON/OFF button will power on the device.
- 2** Hold the fiber optic tip to the acne blemish you wish to treat. Note: do not turn on the device before it is touching your skin to prevent light from shining into your eyes.
- 3** Pressing the BLUE button will begin a 90-second treatment with blue light only. The device will begin to illuminate blue wavelengths and the indicator light above the POWER button will turn on.
- 4** Once the 90-second blue light treatment is complete, you will hear a beeping sound. The indicator light above the POWER button will shut off automatically and the device will stop illuminating blue wavelengths.
- 5** Pressing the RED button will begin a 90-second treatment of red light only. The device will begin to illuminate red wavelengths and the indicator light above the POWER button will turn on.
- 6** Once the 90-second red light treatment is complete, you will hear a beeping sound. The indicator light above the POWER button will shut off automatically and the device will stop illuminating red wavelengths. The digital display will automatically turn off after 40 seconds of non-use. You can also turn it off manually by pressing the ON/OFF button.
- 7** Continue using the device in the same fashion – blue light treatments followed by red light treatments – until you have applied therapy to all your desired blemishes.
- 8** To prevent overheating, after completing 3, 90-second sessions, stop using the device until it is cool.
- 9** Once finished using the device, press the On/OFF button. This will power off the device.

Maintenance

Cleaning Recommendations

After using the device, rinse the fiber optic tip carefully under running water for a few seconds with the device powered off.

Then, use a 70% isopropyl alcohol and water solution applied with a cloth or alcohol prep pad to clean the fiber optic tip.

You can also dip the head into a solution of 70% isopropyl alcohol and water for 60 seconds.

Let the device air dry or hand dry it with a cloth or towel.

Do not put the device in the dishwasher or submerge it underwater.

Environmental Notice

This product contains a rechargeable battery. In the interest of protecting the environment, please do not dispose of the product in the household waste at the end of its useful life. Disposal can take place at an appropriate collection point provided in your country.

Technical Specifications

Device Information

- **Product dimensions:** 27 cm x 3 cm x 3 cm (10.5 in x 1.2 in x 1.2 in)
- **Product weight:** 295 grams (0.65 pounds)
- **Adapter information:** AC100-240V 50/60Hz

Optical Parameters

- **Wavelength:** 415nm and 660nm
- **Optical power:** 50 mW/cm²

Battery Information

- **Type:** Lithium ion, dc
- **Capacity:** 2,200 mAh
- **Voltage:** 3.7 V

Transportation and Storage

- **Environmental temperature range:** -20 degrees to +55 degrees Celsius
- **Relative humidity range:** < 93%
- **Atmospheric pressure range:** 50 kPa to 106kPa



LUMINANCE RED

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Version 1.01

The Luminance RED is listed with the FDA as a Class II medical device under the ILY product code. It is manufactured in a fully compliant, FDA-registered facility. The information provided is for educational purposes only and is not intended to support the safety or effectiveness of Luminance Medical's devices, or diagnose, treat, cure, or prevent any disease. It's not a substitute for a consultation with your healthcare provider and should not be construed as medical advice.