

**LUMEBOX<sup>®</sup>**  
**V26 Red**  
**Light**  
**Therapy Box**



# LUMEBOX V26 Red Light Therapy Box User Manual

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**LUMEBOX<sup>®</sup>**

**LUMEBOX V26 Red Light Therapy Box**



## Product Specifications

No	Description	LED Indication
1	Power Supply	AC/DC adapter DC9V3A Rechargeable Li-polymer battery pack 3.65V 10400mAh
2	Current consumption at power off	1.3mA
3	Power on and working mode	1. Press the power button once: 1.1 The battery level indicator LED on to indicate the current battery level (There are four LEDs to indicate the battery level. Each LED represents around 25% of full battery level.)

## Product Usage Instructions

### EMC Notice

Ensure compliance with IEC and ANSI standards mentioned in the manual for safe operation.

### MRI Notice

Avoid operating the device in MRI environments or near high-frequency equipment to prevent electromagnetic interference.

### IR Notice

Avoid staring at the IR light source emitted by the device. Use eye protection when needed.

### Regulatory Notice

The LUMEBOX 2.0 is a RED/IR Phototherapy Lamp for portable use.

## Unpacking Your Device

- Portable carrying case
- Protective eyewear

- Comfort-grip handle attachment
- AC adapter (100-240v)
- Rechargeable battery (in-unit)
- User manual

### **Warnings & Safety**

Review warnings, precautions, and cautions provided in the manual to ensure safe usage of the device. Contact us for any queries or concerns.

### **Equipment Symbols**

- Power On/Standby Button
- Battery Charge Indicator
- Device Power Input
- Do Not Dispose In Waste Bucket
- Keep Dry
- Refer to the instruction manual/booklet
- Date of Manufacturer
- Humidity Limit 15%-90%
- Atmospheric Pressure Limit 700hPa to 1060hPa
- Risk Group 1-CAUTION IR emitted from this device Do NOT stare at the IR source.
- IP22 Degree of protection against access to hazardous parts, solid foreign objects, and ingress of water
- Batch Code
- Manufacturer

### **Frequently Asked Questions (FAQ)**

#### **Can children use this device?**

Children have sensitive skin and may need treatment. It is recommended to consult a healthcare provider before use.

### **NOTICE**

#### **EMC NOTICE**

This equipment radiates and is susceptible to radio frequency energy. If not used by the instructions in this manual electromagnetic interference may result. The equipment has been tested and found to comply with the limits outlined in IEC 60601-1-2 for medical electrical equipment part 1-2: General requirements for safety-collateral standard; Electromagnetic compatibility – requirements and tests. These limits provide reasonable protection against electromagnetic interference when operated in the intended use environments (e.g., residential and commercial zoned) described in this manual.

- **IEC 60601-1:2005+A1:2012;**  
ANSI/AAMI ES60601-1:2005 + C1:2009 + A2:2010 + A1:2012; CAN/CSA-C22.2 No. 60601-1:2014
- **IEC 60601-1-11:2015;**  
ANSI/AAMI HA60601-1-11-2015 CSA/CSA-C22.2 No. 60601-1-11:15
- **IEC 60601-2-57:2011**  
CAN/CSA-C22.2 No. 60601-2-57 : 11 (R2016) IEC 62233 + IEC62471

## **MRI NOTICE**

- This equipment contains electromagnetic components whose operation can be affected by intense electromagnetic fields. Do not operate this device in an MRI environment or the vicinity of high-frequency surgical diathermy equipment, defibrillators, or short-wave therapy equipment.
- Electromagnetic interference could disrupt the operation of the device.

## **IR NOTICE**

- IR emitted from this device. Do not stare at the light source.
- This device emits near-infrared (IR) at 850nm. Use the included eye protection when near-infrared (NIR) mode is active. Do not stare directly into the light-emitting diodes (LEDs) and avoid the beam window when not using the therapy.
- This device has been tested to IEC 62471 standards and is classified as a risk group 1 (low risk) device. Associated hazard: cornea/lens infrared hazard 780nm to 3000nm.
- IEC 62471 IR radiation limits for the eye at 200mm
- Exempt limits = 100 w/m<sup>2</sup>
- Risk Group 1 limits (low) = 570 w/ m<sup>2</sup>
- Risk Group 2 limits (med) = 3200 w/ m<sup>2</sup>
- Risk Group 3 limits (high) = > 3200 w/ m<sup>2</sup>

## **RISK GROUP 1 (LOW RISK)**

The basis for this classification is that the lamp does not pose a hazard due to normal behavioral limitations on exposure. This requirement is met by any lamp that exceeds the limits for the Exempt Group but that does not pose:

- An actinic ultraviolet hazard (Es) within 10000 s. nor
- A near-ultraviolet hazard (EUVA) within 300 s. nor
- A retinal blue-light hazard (LB) within 100 s nor
- A retinal thermal hazard (LR) within 10 s. nor
- An infrared radiation hazard for the eye (EIR) within 100 s

## **REGULATORY NOTICE**

The LUMEBOX 2.0 portable device is a RED/IR Phototherapy Lamp.

## **UNPACKING YOUR DEVICE**

### **INCLUDED:**

PORTABLE CARRYING CASE

LUMEBOX 2.0® RED LIGHT DEVICE

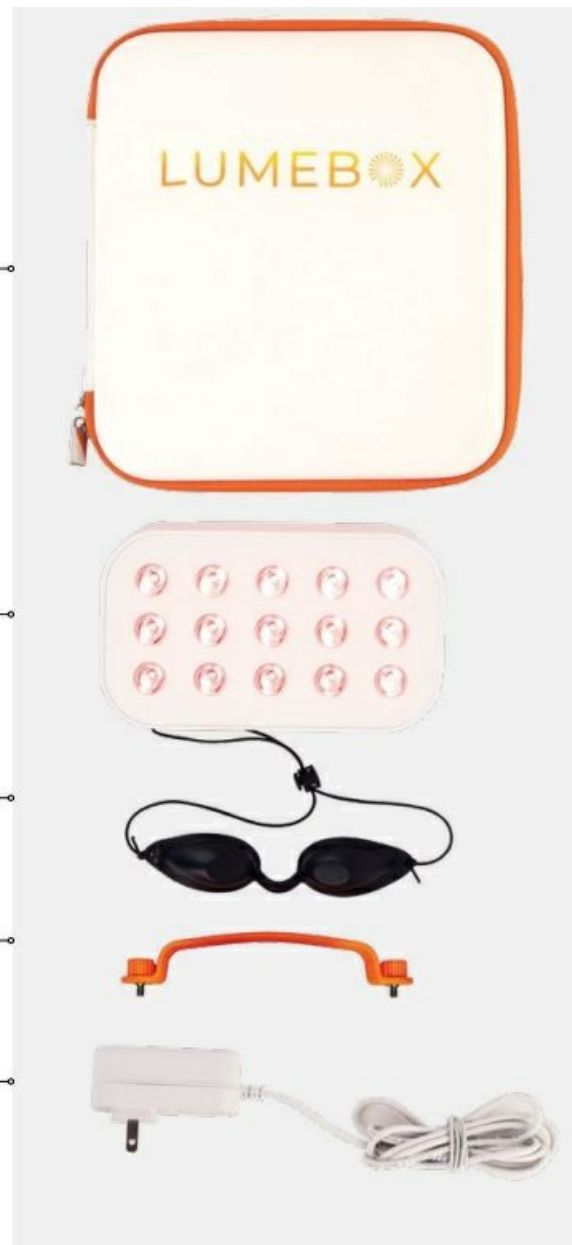
PROTECTIVE EYEWEAR

COMFORT-GRIP HANDLE ATTACHMENT

AC-ADAPTER (100-240v)

RECHARGEABLE BATTERY (IN-UNIT)

USER MANUAL



## WARNINGS & SAFETY

It is important to review the following safety guidelines before the use and operation of your LUMEBOX 2.0® portable RLT device. Operating the device without a comprehensive understanding of its functions, features, and safety measures may result in unsafe use. The following is a blanket guideline of the warnings and cautions on the general use and handling of your new RLT device. This section will review the following safety measures and terminology. The PATIENT is an intended OPERATOR.

### TERMS:

- **CONTRAINDICATION** is a specific situation in which the device should not be used because it may be harmful to the person.
- **PRECAUTION** is a measure taken in advance to prevent something dangerous, unpleasant, or inconvenient from happening.
- **CAUTION** identify conditions or practices that could result in damage to the device or other equipment.

### CONTRAINDICATION:

- Do not use the device if you are photosensitive.
- Do not use the device if using topical, oral, or injectable steroids.
- Avoid using the device over non-transparent stitches or dressings, as the material may heat up and hinder healing. Consult a medical professional before using on wounds, stitches, or dressings.
- Do not use the device during the healing period post Lasik or eye surgery; seek advice from your physician.
- Do not use the device if pregnant or lactating. Users should consult their physician with any questions.

**WARNINGS:** A review of conditions and practices that may result in possible safety hazards or adverse reactions to treatments.

**PRECAUTIONS:** A review of certain measures taken in advance to prevent any harmful, dangerous, or otherwise unsafe occurrence.

**CAUTIONS:** A review of conditions and practices that may result in device damage or misuse.

FOR QUESTIONS REGARDING WARNINGS, SAFETY MEASURES, AND OPERATION CONTACT US AT [HELP@THELUMEBOX.COM](mailto:HELP@THELUMEBOX.COM) OR CONSULT WITH A CERTIFIED PRACTITIONER, DOCTOR, OR LICENSED MEDICAL PROFESSIONAL.

#### **WARNINGS:**

- Do not place the device directly on the skin creating a potential burn hazard.
- Do not use the device with a surge protector or power strip.
- Do not attempt to clean and/or alter the device while the device is in use.
- Do not block or obstruct any ventilation areas of the device while the device is in use.
- Do not use the device while operating a vehicle
- Do not use the device while impaired.
- Do not exceed the suggested time interval treatment guidelines.
- Do not use the device in an oxygen-heavy environment.
- Do not use the device with or near flammable agents.
- Do not leave the device unattended while powered on.
- Do not use the device if you suffer from certain physical or mental constraints unless accompanied by a medical professional, or practitioner.
- Please do not use it on children under 18 years of age without consulting their healthcare provider first. Children have sensitive skin and may need treatment times to be reduced and sensitive areas like eyes protected. Do not allow children to use the device without adult supervision.
- Do not use the device if there is visible damage to the device, battery, or AC cord as it may cause fire, electric shock, or another harmful occurrence.
- Do not use the device near water including, but not limited to, bathtub, bathroom sink, pool, hot tub, kitchen sink, or any location with running or pooled water near the device while in use.
- Do not attempt to open and change, remove, or tamper with the lithium battery.
- Make sure the outlet and electrical output are compatible with the device and AC Adapter.
- Keep the orange screw fasteners, handle, and white cover caps out of children's reach at all times.
- Do not swallow or ingest orange screw fasteners or white cover caps.

#### **PRECAUTIONS:**

- Please read the instructions and follow the user manual before operating the device.
- Check with a physician before use.

- Near-infrared (NIR) at 850nm may contribute to hyper-pigmentation; discontinue use or consult a medical professional if this is a concern.
- Pre or post-surgery users should consult with a physician before use.
- When applied to areas where users have had laser hair removal, hair regrowth is possible.
- Users with cancer or a history of cancer should consult a physician before use.
- Users with pre-existing conditions should consult a physician before use.
- Users who suffer from hyperthyroidism or are on thyroid medications should consult with their physician before use as use may necessitate a change in medications or symptoms.
- Users with tattoos could experience skin blistering through inadvertent heating of the ink. Users can consider covering tattoos before use to avoid any potential issues.
- Users with herpes virus could experience an activation of the dormant virus with use.
- If you are taking medications including, but not limited to, Digoxin, Retin A, certain antibiotics, topical products that increase skin sensitivity, and/or other photosensitive drugs, it is recommended that you consult a physician before using the device.
- The device should be acclimated to room temperature before use and should be stored at room temperature.
- If you've had facial fillers, Botox, or other face and skin procedures it is important to consult your physician before use of the device.
- Users with breast implants should consult with their physician before using the device.
- Check the functionality of the device to be sure it is working properly before use.
- If the device is exposed to excessive moisture, water or any liquid do not use the device as it may cause electric shock or another harmful outcome. For help, contact: [help@thelumebox.com](mailto:help@thelumebox.com).
- When not using your device, store the device in its carrying case at room temperature.
- Do not leave the device exposed to the sun or heat.
- During operation, if you experience any overheating, or strong odor discontinue using the device immediately and contact [help@thelumebox.com](mailto:help@thelumebox.com).
- The device should always be used with precaution and it is important to adhere to the user guide, treatment guide, and manual.

## **CAUTIONS:**

- Read the user manual before use and store the user manual in a safe place in the event you need it for a free reference in the future.
- Do not attempt to disassemble the device. If the device requires repair please contact [help@thelumebox.com](mailto:help@thelumebox.com).
- Do not store the device in a wet or dry sauna.
- The device contains an internal Li-ion battery that is not user-serviceable. If discarded, the battery needs to be disposed of by local regulations.
- Do not subject the equipment to heavy shocks to avoid the risk of damage to the lamp.
- Do not plug in the device or device accessories where they could be damaged or present a hazard.
- If you have any sensitivity to light exposure or have had any recent medical procedure, please consult your physician before use.
- Warning: Only for use on healthy and uncompromised skin.
- Do not use the device over clothing, including undergarments, as this can lead to overheating.
- Do not cover the device with blankets, clothing, or other materials while in use, as this can cause the device to overheat and increase the risk of burns.

- Do not use the device over the same area for more than 1 cycle unless directed by your doctor.

## CAUTIONS:

- Use of controls, adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- To limit and avoid electric shock from the device, avoid spilling any liquids on or in the device and avoid use in or near water.
- Avoid leaving the device where it could present a hazard or become an obstruction.
- If the device is dropped, broken, or damaged, or if the AC power adapter, cables, or any part thereof are not operating correctly while operating, immediately power off the device, unplug the power adapter if it is connected to an electrical outlet, and contact customer service at: [help@thelumebox.com](mailto:help@thelumebox.com).
- To avoid strangulation, burning, or harm, keep out of the reach of infants and children.
- Do not unplug the device by pulling the cord from the wall using the device. Always unplug power adapters directly from the electrical outlet.
- To avoid choking hazards keep the device and all accessories away from infants and small children.
- The IP22 classification means the device is protected against ingress of vertically and 15 degrees both ways of vertically dripping water, and the hazardous parts are protected access to objects equal to or greater than 12.5mm.
- The device is designed to be used as configured by LUMEBOX 2.0®. Any use outside of the configurations or use with alternative accessories not sold by LUMEBOX 2.0® will void any warranty and could lead to serious injury.
- Mounting/handle accessories are designed by LUMEBOX 2.0® products only.
- Do not dispose of the device in standard waste.
- Do not leave the device in active operation unattended.
- Do not store the device outside of its intended storage guidelines.
- Do not exceed operating conditions when using the device.
- Avoid using an extension cord with the device.
- Do not use the device near an MRI machine.
- Do not stare directly into the device and the light-emitting diodes (LEDs).
- Avoid using the device near a heated surface, fireplaces, or ceramic heaters.
- Avoid spraying cleaning products or moisture on the device while attempting to clean.
- Do not open, modify, tamper with, late,r or make any modifications to the device. Unauthorized tampering or modifications will automatically void the warranty.
- Do not throw the device.
- IR emitted from this device. Do not stare directly at the light source.
- Always unplug the device after use or when not in use to avoid hazards or risk of damage to the equipment should a power failure occur.
- Do not cover the back of the device or its ventilation openings while in use.
- Do not allow dust build-up on the device or any ventilation openings on the device. Wipe or remove dust and lint build-up with a dry cloth or non-abrasive dry brush.
- Do not attempt to put the device in your mouth or any accessories of the device in your mouth.
- Near-infrared (NIR) light is invisible to the human eye and will appear off when used with red light and appear dimmed when used independently.

- Protective eyewear should be used while operating the device.
- Do not touch the DC socket or the adapter plug while the device is in use.
- Do not use accessories, adapters or, or any add-ons not approved, provided, or supplied by the manufacturer for this device.

## EQUIPMENT SYMBOLS



Power On/Standby Button



Battery Charge Indicator



Device Power Input



Do Not Dispose In Waste bucket



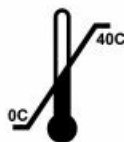
Keep Dry



Refer to the instruction manual/booklet



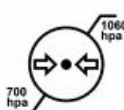
Date of Manufacturer



Storage Temperature Limit  
0 °C–40°C



Humidity Limit 15%–90%



Atmospheric Pressure Limit  
700hPa to 1060hPa



Risk Group 1–CAUTION  
IR emitted from this device  
Do NOT stare at the IR source

**IP22** Degree of protection against access to hazardous parts, solid foreign objects, and ingress of water








Batch Code



Manufacturer

## PRODUCT SPECS

### PRODUCT SECS: THE LUMEBOX 2.0® PORTABLE HAND-HELD

No		Description	LED Indication
1	Power Supply	AC/DC adapter DC9V3A Rechargeable Li-polymer battery pack 3.65V 10400mAh	
2	Current consumption at power off	≤1.3mA	
3	Power on and working mode	1. Press the power button once: 1.1 The battery level indicator LED on to indicate the current battery level (There are four LEDs to indicate the battery level. Each LED represents around 25% of full battery level.) 1.2 Working mode indicator LED on. 1.3 The light therapy LEDs on. (The default LED of light therapy is RED) 2. Each time user presses the power button the working mode will toggle in the order of "RED → NIR → RED+NIR → RED_."	Battery level indicator LED (BLUE)  Working mode indicator LED (GREEN)
4	Working mode	Two GREEN LEDs are used for working mode indication: 1. Both LED off: Product is off 2. Left LED on right LED off: RED working mode 3. Left LED off right LED on: NIR working mode 4. Both LED on: RED+NIR working mode 5. Both LED blink: cool-down mode	Working mode indicator LED (GREEN)  
5	Battery level	Four blue LEDs are used for battery level indication: 1. One LED on, battery level is around 0-25% of full battery level 2. Two LEDs on, battery level is around 26-50% of full battery level 3. Three LEDs on, battery level is around 51-75% of full battery level 4. Four LEDs on, battery level is around 76-100% of full battery level  PRIOR TO FIRST USE BATTERY LEVEL SHOULD BE AT FULL CHARGE (UP TO 3 HOURS) ONCE BATTERY IS AT FULL CHARGE ALL FOUR INDICATOR LIGHTS WILL TURN OFF	Battery level indication  0-25%  26-50%  51-75%  76-100% 
6	Light therapy and auto cool-down	1. The working time is 12 minutes for each light therapy cycle. Mode change in the middle of a therapy cycle does not change the 12 minutes count-down timer. For example if a user used the RED mode for 3 minutes and then changed to NIR mode the remaining working time at NIR mode is 9 minutes 2. When a light therapy cycle is finished the product automatically goes into a cool-down mode for 3 minutes. During the cool-down mode the 2 working mode indicator LEDs are blinking (once per second) 3. After 3 minutes cool-down cycle the product will turn off automatically	
7	Overheat protection	The 3 minutes cool-down cycle is a mandatory process after each 12 minutes therapy cycle. 1. User cannot toggle through the working modes during the cool-down process 2. User can power off the product during a cool-down cycle and all the LEDs will be off, but the cool-down process is not impacted and will continue. If the user presses the power button and both working mode indicator LEDs are still blinking it means the product is still in a cool-down process	
8	Last mode memory	The product will remember the working mode it was on and will start at the same working mode when it is powered on the next time	
9	Power off	The product can be powered off at any time by pressing and hold the power button for 2-3 seconds	

Working conditions		Device Software Version:	LB-001A_SW_V2
Ambient temperature	0°C • 40°C	Wavelengths:	660nm and 850nm
RH	15% • 90%	Spectral Radiant Exposure:	Red 5.4W NIR 6.1W RED + NIR 6.9W
Atmospheric pressure	70.0 kPa • 106.0 kPa	Maximum variation:	± 10%
Transport and storage conditions			
Ambient temperature	0°C • 40°C		
RH	15% • 90%		
Atmospheric pressure	70.0kPa • 106.0 kPa		

## GENERAL GUIDELINES

- The LUMEBOX 2.0 portable device is a RED/IR Phototherapy Lamp and is not intended to cure, help, or diagnose any medical condition. Red light therapy may help optimize cellular function, supporting overall health and

wellness, including but not limited to benefits for skin and recovery.

- The LUMEBOX 2.0® hand-held is intended for at-home or on-the-go use and can also be used for in-office commercial applications. Operation is intended for the user.
- If you are a first-time user of LUMEBOX 2.0® or any RED/ NIR device and have questions or may be concerned about a pre-existing medical diagnosis or other underlying condition, please consult with a licensed healthcare practitioner or doctor before use.
- Each LUMEBOX 2.0® device arrives with a set of personal protective eyewear. Eyewear should be used whenever using the device, especially when NIR mode is set. Caution: The entire LED surface area consists of light-emitting diodes (LEDs) and users should not stare directly at this surface area.

## GETTING STARTED

### TREATMENTS:

- Welcome to getting started with LUMEBOX 2.0®!
- If this is your first foray into red light therapy, we recommend starting with 1-2 minutes on one area before trying it on other areas and working your way up to the full 12-minute session over 2-3 weeks.
- Red light therapy is generally safe but everyone tolerates light differently. For best results, at least a consistent daily use is recommended.
- Please allow 6 hours between treatment sessions in the same area to allow cell absorption and recovery.

### A GENERAL GUIDE:

- **Distance:** 6 inches or closer from the body surface (not directly on the skin's surface)
- **Time:** 6-12 minute treatment sessions
- **Mode:** Red light (light you can see) and near-infrared light (light you can't see)

## OPERATING YOUR DEVICE

### OPERATING THE DEVICE:

The PATIENT is an intended OPERATOR.

1. Remove the plastic film.
2. (Optional) Secure the orange handle on the reverse side of the device by screwing each of the 2 orange screw fasteners clockwise into the screw holes. Make sure they are securely tightened. (To remove the handle turn each of the 2 orange screw fasteners counter-clockwise.)
3. Connect the Power Cord: Plug the power cord into the charging port on the device, then connect the other end to a suitable electrical outlet. Charging Indicator: The battery indicator will blink, signaling that the device is charging.  
Full Charge Notification: Once fully charged, all four (4) blue battery indicator lights will light up and then turn off automatically to conserve battery life. Important Notes: Always unplug the device before use. The device will not operate while connected to a power outlet. Fully charge the device before first use. It may take up to 3 hours to fully charge. Charge Status: Four (4) illuminated blue lights indicate a full charge.
4. Before using your LUMEBOX® 2.0 portable device, press the ON/OFF power button to turn it on.
5. You are now ready to use your new LUMEBOX 2.0® device. Customize your first session! Select the settings

(RED, NIR, or a combination). Decide on your treatment session length (we recommend starting with 1-2 minutes for first-time users).

1. **RED** mode is suitable for surface concerns.
2. **NIR** mode is suitable for deeper penetration (light is not visible in NIR mode).

Select the combination mode option for both RED/NIR applications.

6. Once you have completed your session, **POWER DOWN** your device by pressing the ON/OFF button and holding it for 2-3 seconds until the device is powered OFF.

## **START/STOP**

- Press/tap the power button to start.
- Press/hold the power button for 2-3 seconds to power off.
- Press/tap the power button to toggle between different modes: RED, NIR, or BOTH.

## **TIMER NOTIFICATION**

- Your LUMEBOX comes with a beeping Time Indicator. It will beep once at 6 minutes, and beep twice at the end of the cycle (around 12 minutes).
- To **TURN OFF** the Time Indicator, gently **PRESS & HOLD** the **POWER** button for 5 seconds, until you hear two beeps. This tells you the Time Indicator is OFF.
- To **TURN** the Time Indicator **BACK ON**, **PRESS & HOLD** the **POWER** button for 5 seconds with the device OFF until you hear one beep. This tells you the Time Indicator is ON.
- The device will **POWER DOWN** and go into **COOL DOWN MODE** automatically after a **FULL 12-minute interval** session.

## **SELECTING LIGHT MODE**

To select the light mode press/tap the “Power” button to select from the following options on your device:

- Red Light Only (RED)
- Near-Infrared Light Only (NIR)
- Red + Near-Infrared (RED + NIR)

The light setting mode can be adjusted during an ongoing session

## **CARING FOR THE DEVICE**

1. If your device is not working, damaged, or tampered with, please contact [help@thelumebox.com](mailto:help@thelumebox.com).
2. When storing your device, be sure to store it in a clean and dry location at room temperature. To ensure the best performance and longevity of your LUMEBOX:  
Avoid exposing it to temperatures above 35° C (95° F).  
Keep it out of direct sunlight for extended periods and never leave it in a hot car.  
If storing for 1 month or less, you can keep LUMEBOX in temperatures between -5°C (23°F) and 45°C (113°F).  
If storing for up to 3 months, maintain a temperature range of 0°C (32°F) to 35°C (95°F). For long-term storage up to 1 year, ensure the temperature stays between 0°C (32°F) and 20°C (68°F).
3. Before cleaning your device, make sure the device is powered OFF and all power cords are unplugged from

any electric power source.

4. Users may remove the handle before cleaning the device; however, it is not necessary.
5. When cleaning the device apply a non-abrasive cleaning agent to your device by first applying the cleaning agent to a microfiber rag and gently wiping around the device. Do not spray water or any cleaning agent directly on the device to avoid any moisture or liquid intrusion.
6. Make sure the device is completely dry and void of any cleaning agents before plugging it back into an electric outlet and before use.
7. Do not take apart the device. The device has no replaceable parts or serviceable components. If your device is not working properly contact [help@thelumebox.com](mailto:help@thelumebox.com).

## ELECTROMAGNETIC IMMUNITY

This equipment is intended for use in the electromagnetic environment specified below. The user of this equipment should ensure that it is used in such an environment.

Immunity Against	IEC 60601-1-2 Test Level	Compliance Level (OF THIS DEVICE)	Electromagnetic Environment
Electrostatic discharge, ESD (IEC 61000-4-2)	Contact Discharge: +-8kV Air Discharge: +-15kV	Contact Discharge: +-8kV Air Discharge: +-15kV	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be kept at levels to reduce electrostatic charge to suitable levels.
Electrical fast transients/bursts (IEC 61000-4-4)	Power supply lines: +-2kV Input DC Power Ports +-2kV Signal Input/Output Lines +-1kV	+2kV +2kV +1kV	Mains power quality should be that of a typical home, commercial, or hospital environment.

	385 Pulse Modulations, 18 Hz  450 FM ± 5Hz  deviation: 1kHz sine  710	27 V/m		
		28 V/m		
		9V/m		

	745 780 Pulse Modulation: 217 Hz 810 870		Equipment with high RF emissions should be kept at a distance to reduce the likelihood of interference.	
RF Proximity	930 Pulse	28V/m		
(IEC 61000-4-3)	Modulation: 18 Hz			
	1720	28V/m		
	1845			
	1970 Pulse	28V/m		
	Modulation 217 Hz			
	2450 Modulation	9V/m		
	217 Hz			
	5240			
	550			
	5785 Pulse			
	Modulation: 217 Hz			
Surgeon AC mains lines (IEC 6100-4-5)	Common Mode +-2kV Differential Mode +-1kV	+2kV +-1kV	Mains power quality should be that of a typical home, commercial, or hospital environment.	

Power frequency magnetic field 50/60Hz (IEC 61000-4-8)	30A/m	230A/m	Equipment that emits high magnetic fields (more than 3A/m) should be kept at a distance to reduce the likelihood of interference.
Voltage dips and short interruptions on AC mains input lines (IEC 61000-4-11)	DIP> 95% .5 cycles Dip> 95% 1 cycle Dip>30% 25 cycles (50Hz) 30 cycles (60Hz) Drops >95% 250 cycles (50 Hz) 300 cycles (60Hz)	.5 cycles 1 cycle 25 cycles (50Hz) 30 cycles (60Hz) 250 cycles (50 Hz) 300 cycles (60Hz)	Mains power should be that of a typical home, commercial, or hospital environment. If you require continued operation during power mains interruptions ensure that battery backup options are available or other means of uninterrupted power source.
Conductive RF RF coupled into lines (IEC 61000-4-6) Radiated RF (IEC 61000-4-3)	150 kHz to 80 MHz outside ISM bands 150 kHz to 80 MHz in ISM bands	3Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the equipment, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter as below: Recommend separation distance $d = 1.2 / \sqrt{P}$ P 80 MHz.

			<p>to 800 MHz <math>d=2.3 \sqrt{P}</math> 800 MHz</p> <p>to 2.5 GHz</p> <p>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).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey<sup>1</sup>, should be less than the compliance level in each frequency range<sup>2</sup>.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol.</p>
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1. The ISM (industrial, scientific, and medical) bands between 150 kHz and 80 MHz are 6.765 MHz to 6.795 MHz; 13.553 MHz to 13.567 MHz; 26.957 to 27.283 MHz; and 40.66 MHz, to 40.70 MHz.
2. Field strengths from fixed frequencies, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, 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 equipment is used exceeds the applicable RF compliance level above, the equipment should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the equipment.

## RECOMMENDED SEPARATION DISTANCES

Rated maximum output power of the transmitter (W)	Separation distance according to the frequency of the transmitter (m)		
	150 kHz to 80 MHz $d=0.35\sqrt{P}$	80 MHz to 800 MHz $d=0.35\sqrt{P}$	800MHz to 2.5 GHz $d=0.7\sqrt{P}$
0.01	.12	.12	0.23
0.1	.38	.38	0.73
0	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 determined 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.

**Notes:**

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

## TROUBLESHOOT & FAQ

### • DEVICE WILL NOT TURN ON

- The battery is drained. Connect the power adapter to your device and plug it in to recharge the battery.
- The device will not work while connected to a power outlet. Unplug it after charging it to operate it.

### • DEVICE STOPPED WORKING

The device has entered an automatic cool-down period. The cool-down period may last approximately 2-3 minutes depending on the previous session period.

### • MY DEVICE GOT WET

- The device experienced water damage.
- DO NOT USE the device.
- Contact [help@thelumebox.com](mailto:help@thelumebox.com).

### • DEVICE DROPPED & CRACKED

- The device experienced damage.
- DO NOT USE the device.
- Contact [help@thelumebox.com](mailto:help@thelumebox.com).

## FREQUENTLY ASKED QUESTIONS

### • SHOULD I WEAR PROTECTIVE EYEWEAR?

- Eye protection should always be used when operating the device.
- Do not stare directly at the LEDs. We recommend wearing the goggles provided with the LUMEBBOX if your eyes are within the beam window. The window covers the full front surface of the device. If your eyes are sensitive to light or if you take medications that cause photosensitivity, consult a medical professional

before use.

- **WHAT IS THE DIFFERENCE BETWEEN NIR and RED light wavelengths?**

Both red light at 660nm and near-infrared light at 850nm have been shown to enhance cellular function. The primary difference is red light is absorbed by the skin tissue, while NIR light is invisible to the human eye and penetrates deeper into the tissue.

- **CAN I WEAR CLOTHES WHEN USING LUMEBOX 2.0?**

Yes, you can wear clothes during your treatment sessions. When you are treating specific areas of the body, those areas should be fully exposed to the light and not covered by clothing.

- **CAN I USE LUMEBOX UNDER A HEAVY BLANKET OR THICK CLOTHING?**

Everyone is different, and factors like ambient temperature and skin tolerance play a role. While some may find it comfortable, we generally recommend keeping the back of your LUMEBOX uncovered during use, as covering it with a heavy blanket or thick clothing may cause the device to overheat.

- **CAN THE DEVICE INTERFERE WITH MEDICATIONS?**

While several studies have shown light therapy to be safe, it is important to consult with a medical professional about the medications you are using before operating the device.

- **IS THE DEVICE SAFE FOR CHILDREN?**

While several studies have shown light therapy to be safe, it is important to consult with a medical professional before use with children. Children should never use the device without parental supervision.

## **WARRANTY, QUESTIONS & RETURN POLICY**

### **WARRANTY**

The LUMEBOX 2.0® portable device is covered by a one (1) year limited warranty. Please visit our website at <https://thelumebox.com/warranty> for further details.

### **FAQ**

Questions about your device? Please visit our website at <https://thelumebox.com/faq>.

### **RETURN POLICY**

The LUMEBOX 2.0® portable device comes with an automatic 30-day return period upon receipt of the device. If you are not satisfied with the device in the first 30 days of receipt, your device is eligible for a refund minus any return shipping plus a 15% restocking fee. The device should be returned with all original packaging and accessories. Please visit our website at <https://thelumebox.com/returns> for further details.

## **CONTACT INFORMATION**

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- Contact: [help@thelumebox.com](mailto:help@thelumebox.com)
- LB-PORT-VOL-2205

## **Documents / Resources**



[LUMEBOX V26 Red Light Therapy Box](#) [pdf] User Manual  
V26, V26 Red Light Therapy Box, Red Light Therapy Box, Light Therapy Box, Therapy Box, Bo  
x

References

- [User Manual](#)

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