

LightpathLED iLED Pad Wrap Systems



LightpathLED iLED Pad Wrap Systems User Manual

[Home](#) » [LightpathLED](#) » LightpathLED iLED Pad Wrap Systems User Manual 

Contents

- [1 LightpathLED iLED Pad Wrap Systems](#)
- [2 Product Specs and Warranty](#)
- [3 iLED Warnings and Product Safety Information](#)
- [4 iLED Instructions For Use:](#)
- [5 FAQ](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)



LightpathLED iLED Pad Wrap Systems



Product Specs and Warranty

iLED Description:

The iLED series delivers two or three different wavelengths (660nm, 850nm, and/or 940nm) simultaneously to activate photobiomodulation (PBM) activities at a cellular level within the body to reduce pain and inflammation, promote wound healing, and increase blood circulation. The benefit of using the iLED is that light-absorbing molecules in our cells respond to different wavelengths of light energy, resulting in a targeted increase in cellular activity at different tissue depths and absorption by different tissue types for which the iLED has been optimized. The unique lightweight and flexible design of the iLED series helps facilitate effective energy absorption by tissue and comfortable application all over your body so that you can maximize your treatment time and various applications of the iLED.

Technical Specifications

iLED-Pro Tri-Wave Multi-Pulse	
Product	Personal Infrared Radiator (PBMt Device)
Model	iLED Pro
Input Voltage	100-240VAC
Input Frequency	50-60Hz
Output Voltage	9VDC
Power Consumption	60VA
LED Wavelength	660nm(650-670nm) LED: 88units 850nm(840-860nm) LED: 110units 940nm(930-950nm) LED: 44units
Operational Time	5 min, 10 min, 15min
Size	50cm x 20cm x 2cm (L*W*H)
Weight	652g
Risk Group	Classified as “Exempt Group” in accordance with IEC62471

iLED Multi-Pulse	
Product	Personal Infrared Radiator (PBMt Device)
Model	iLED Multi Pulse
Input Voltage	100-240VAC
Input Frequency	50-60Hz
Output Voltage	9VDC
Power Consumption	60VA
LED Wavelength	660nm(650-670nm) LED: 108units 850nm(840-860nm) LED: 90units
Operational Time	5 min, 10 min, 15min
Size	45cm x 20cm x 2cm (L*W*H)
Weight	558g
Risk Group	Classified as “Exempt Group” in accordance with IEC62471

iLED-Pro Mini Tri-Wave Multi-Pulse	
Product	Personal Infrared Radiator (PBMt Device)
Model	iLED-Pro Mini
Input Voltage	100-240VAC
Input Frequency	50-60Hz
Output Voltage	9VDC
Power Consumption	40VA
LED Wavelength	660nm(650-670nm) LED: 28units 850nm(840-860nm) LED: 70units 940nm(930-950nm) LED: 28units
Operational Time	5 min, 10 min, 15min
Size	35cm x 16cm x 2cm (L*W*H)
Weight	330g
Risk Group	Classified as “Exempt Group” in accordance with IEC62471

Warranty Registration & Detailed Instructions For Use:

Please register your iLED immediately for warranty validation at www.CelLED.net including a copy of your purchase receipt. Failure to do so may void any future warranty claims or support. Once your de-vice is registered you will also have access to detailed instructions and videos to maximize the use and benefit of your device.

Contraindications

NOTE: When making changes to your health and wellness routines it may be advisable to consult with your medical professional before proceeding.

1. Do not use directly over the fetus when pregnant or suspect pregnancy without medical guidance.
2. Do not use directly over active tumours or in the presence of cancer without medical guidance.
3. Do not use on or near the thyroid when hyperthyroidism and associated conditions exist without medical guidance.
4. Do not use for more than 5 minutes per day directly over the eyes.
5. Do not use within two weeks of having steroidal treatment as therapeutic effects may be negated and symptoms may become exacerbated.
6. Avoid use if you are using photosensitizing drugs

iLED Warnings and Product Safety Information

Health Warning

1. Always use the iLED on clean and dry, bare skin. Using the iLED through any form of fabric will greatly diminish any therapeutic benefit.
2. Do not use any creams or lotions on the skin prior to using the iLED.
3. Do not use the iLED on children under 18 years of age without direct adult or medical professionals'

supervision.

4. Maximum treatment time is 15 minutes per area. Exceeding this recommendation may cause excessive tissue heating and could result in skin irritation, discomfort, a potential burn, and nullifying any therapeutic benefit. Move the file to a different area after 15 minutes of treatment. Do not treat the same area for at least 6 hours.
5. When operating the device at 40Hz, 10Hz and 2.5Hz caution should be used for those with visually induced epilepsy (strobed or flashing lights under 100Hz). Caution should also be used for those who are photosensitive or have eye discomfort from bright light.
6. Keep the iLED out of reach of children. Do not use the device while children are near you. Adapter cables may strangle children.
7. Store the iLED in a clean and dry place without lint, dust, or pests, and keep the device out of reach of pets and away from sunlight to maintain the full quality of the device while using.

Electrical Safety Warning

1. Do not attempt to operate this iLED if there is evidence of shipping damage or you suspect the unit is damaged. A damaged device may present additional hazards to you. Contact technical support for advice before attempting to plug in and operate a damaged device.
2. Only authorized personnel may service this device. Contact Benilight for servicing or repair.
3. Do not lie upon or lean against the iLED. The iLED is not designed to withstand full body weight, extreme pressure or force.
4. Do not place the iLED under clothing, blankets, sheets or towels.
5. When operating the device at 40Hz, 10Hz and 2.5Hz caution should be used for those with visually induced epilepsy (strobed or flashing lights under 100Hz). Caution should also be used for those who are photosensitive or have eye discomfort from bright light.
6. Failure to follow these precautions may result in electrical shock

Electrical Safety Warning

1. Follow instructions and heed all warnings. Install in accordance with the manufacturer's instructions.
2. Do not lie on top of, or place body weight on the device.
3. Store the iLED flat when not in use.
4. Make sure that the Power Supply is unplugged from the wall outlet before cleaning the device.
5. Do not position the iLED so that it can easily be disconnected from the power supply.
6. Keep dry. Do not use the iLED near water or moisture.
7. Do not use the iLED near strong sources of electromagnetic radiation. The iLED may inadvertently shut off when operated in the presence of a high electromagnetic field.
8. Do not use volatile solvents or harsh cleaning agents to clean the device. Such solvents may damage the housing and control surface.
9. If the iLED surface is seriously contaminated, use a soft cloth lightly moistened with 70%+ isopropyl alcohol or a non-chlorine-based disinfectant to clean the device. Wipe the iLED with a clean and dry cloth.
10. Do not install near any heat sources such as radiators, fireplaces, heaters, stoves, or any device that produces heat.
11. Protect the power cord from being walked on, twisted or crushed. Never twist or wrap the cords around the iLED. Damage resulting from this is not covered under warranty

12. Only use attachments/accessories specified in this manual or approved by Benilight.
13. Unplug the iLED during lightning storms or when unused for long periods of time.
14. Servicing is required when the iLED has been damaged in any way, for example, when:
 - the power cord is damaged
 - liquid has been spilled
 - objects have fallen into the device
 - the device has been exposed to rain
 - the device does not operate normally or has been dropped or crushed

Operating Condition:

- Temperature (5 ~ 40°C), Humidity (15 ~ 90%)
- Atmospheric Pressure (700-1,060 hPa)

Storage Condition:

- Temperature (0 ~ 40 °C), Humidity (20 ~ 80%)

Transport Conditions

1. Do not twist the iLED while using it.
2. If the iLED emits fire, excessive heat, smoke, sounds or an unusual smell during operation, immediately press the power button to stop using it and disconnect the power plug from the outlet.
3. There is a risk of skin burns because the LED temperature may rise if used repeatedly, so turn off the switch after treatment for maximum cooling before using it again.
4. Be sure to use iLED on clean and dry skin only.

Inspect For Damage

Every iLED is carefully packaged at the factory to minimize the possibility of damage during shipping. Inspect the box for external signs of damage or mishandling. Inspect the contents for damage. If there is visible damage to the iLED upon receipt, inform the shipping company and Benilight or an authorized agent immediately.

Setting Up The iLED For Use:

1. Press and hold the POWER button to turn on the iLED. The red LED's will light up on the surface of the pad. A PLEASE NOTE Near-infrared LEDs will appear OFF as they are beyond our visual spectrum and cannot be seen.
2. Press the LO or HI power button for the power mode you wish.
3. It is recommended on most occasions to start with the LO power mode for the first few days of treatment.
4. Press the TIME button to choose a 5-, 10- or 15-minute treatment cycle.
5. Press the HZ button to choose the pulsing frequency 5KHz, 1KHz, 40Hz, 10Hz or 2.5Hz desired. Please repeat this process when the pad has completed its treatment cycle and returned to standby mode. To turn off the pad during a treatment cycle, press and hold the POWER button until the LEDs have turned off and the controller has returned to standby mode.

Recommended Frequencies

- **5KHz-1KHz:** Chronic and acute pain, edema, blood irradiation, eyes (no more than 5 minutes per day), hair and inflammation.
- **40Hz:** Gamma state for transcranial applications on the brain.
- **10Hz:** Alpha state for transcranial applications on the brain.
- **2.5Hz:** Delta state for transcranial applications on the brain, insomnia, headaches, gut microbiome, wound healing and regenerative tissue stimulation

iLED Instructions For Use:

iLED Instructions For Use:

1. Make sure that you are properly positioned and the skin area to be treated is clean and dry. Make-up and other cosmetics should be removed. Many makeup formulas contain minerals that can deflect the light and reduce light energy absorption.
2. For best results, the iLED should be positioned in close proximity to bare skin.
3. Close your eyes if the iLED is used on the face.
4. Please check if all the parts are ready for operation.
5. Press and hold the power button on the controller for one second or longer to turn on all LEDs.
6. When the iLED is first turned on, the left-most settings on the controller are lit and start the default setting of 5KHz, for 5 minutes at LO power. Any Hz can be selected by pressing the Hz button. The timer can be selected from 5 minutes to 10 minutes, or 15 minutes in LO or HI mode. A short press of the LO/HI button switches LO to HI and a red LED indicator HI is displayed. Pressing the button again toggles back from HI to LO. After the selected time has elapsed, the iLED turns off automatically and returns to standby mode, and only the red light of the power button blinks slowly.
7. To turn off the power while the iLED is running, press and hold the power button, the iLED will turn off and return to standby mode.
8. The iLED can be used to treat different parts of the body. If you want to wear the iLED around your waist, you can use the included adjustable band easily. After connecting the band to both ends of the LED pad, adjust the length of the band to comfortably fit the wrist, leg, head, etc.

How to Use The iLED Safely At Home

1. Clean the skin with a brush, loofah or exfoliant prior to using iLED to ensure the highest absorption of light.
2. Place the iLED gently against the skin you wish to treat for 5, 10, or 15 minutes to achieve pain relief, reduced inflammation or increased blood circulation.
3. Use the adjustable band to wrap and hold your iLED in place comfortably against the body where needed.
4. Try using the iLED for a shorter period of time set by the controller or stop using the device if you feel excessive heat or more pain. Use the iLED again as long as you feel comfortable or as directed by a protocol.
5. A protocol for a specific condition may have a variety of elements of placement, dosage time frequency (how often) and duration (for how long) known as a Treatment Cycle/Dosage followed by a Maintenance Cycle/Dosage of only one or two applications a week thereafter.
6. The key for long-term benefits from Photobiomodulation is consistency. A little regular can go a long way for

your overall health and well-being. For more specific guidelines, suggestions and support visit www.CelLED.net now\

Maintenance Of the iLED

1. When not using your iLED, remove the pad and adapter, wipe clean with a soft cloth and store in a box or a drawer and keep out of reach of pets or children.
2. Do not store in an abnormal environment or condition, and pay attention to the following:
 1. Store away from moisture, combustible and inflammable substances.
 2. Store in a place where there is no adverse effect by atmospheric pressure, temperature, humidity, ventilation, sunlight, lint, dust, pests, salt, air-containing ions, etc.
 3. Pay attention to safety conditions such as inclination, vibration, and shock (including during transportation).
 4. Do not store in the presence of chemicals or gas.
 5. Store it in a place where it cannot be touched by people who may cause malfunction of the product, such as children or infants.
3. Do not use volatile solvents (such as toluene, methylated spirits, etc.) Do not use chemicals or cleaners to clean the iLED. Such chemicals may damage the iLED pad. Wipe softly with a lightly damp cloth.
4. If the housing or controller surface is seriously contaminated, or if you wish to reduce the risk of contamination between users, place the iLED in a specialized infection control sleeve (available through our reseller network). These are specially made to provide a semi-durable and cleanable protective cover without interruption of the light from your iLED.
5. Wipe your iLED with a soft, clean, dry cloth after cleaning

Product Quality Assurance

1. Your iLED is manufactured and sold through the quality control and inspection process.
2. This iLED is sold for home and clinical use and the warranty period is one year (12 months from purchase).
3. If a malfunction occurs while you are using it in accordance to this user manual your iLED can be repaired free of charge within the warranty period or a similar type of device should the original type no longer be available at the manufacturer's discretion. The delivery cost is not covered by the seller. This will be at the cost of the owner.
4. Ensure your iLED is registered immediately at www.CelLED.net to ensure ongoing warranty and support coverage.
5. Even during the warranty period, repairs are possible for a fee in case of failure due to owner fault or negligence.
6. The warranty is void if repairs or alterations are made by unauthorized parties, places, or persons

FAQ


Useful Tips and Frequently Asked Questions

- **Q1.** Is the PBMt device safe to use with medical implants, devices, and hardware?
- The iLED is tested as safe to use in the presence of pacemakers, deep brain stimulators, cochlea implants,

hearing aids, and voice synthesizers, wearable insulin, chemotherapy and medicine pumps, medical implants such as stainless steel, titanium, ceramic, plastic, composite, surgical screws, plates, pins, and rod.

- **Q2.** What is the intended use of the iLED?
- Benilight's iLED series is intended to deliver light energy in the red and near-infrared spectrum to provide the temporary relief of muscle and joint pain, arthritis, and muscle spasms, relieve stiffness, promote the relaxation of muscle tissue, assist in wound healing and to temporarily increase local blood circulation.
- **Q3.** Does the iLED Series utilize UV light?
- No, it does not.
- **Q4.** How long does an iLED treatment session last? 5, 10 or 15 minutes based on each placement requirement and protocol recommendations. iLED and iLED-Pro Mini treatment time maybe 10-20% longer respectively due to power differences to the iLED-Pro
- **Q5.** Are there any special preparations required before using iLED?
- The iLED should be used as close as possible to the skin which should be free of clothing, makeup or anything else which may affect the transmission of light into the skin.
- **Q6.** How close should the iLED be placed to the skin?
- Position the iLED as close to the surface of the skin as possible. The closer the iLED is to the skin the more energy is absorbed by the cells.
- **Q7 Can I travel with the iLED?**
- Yes. Benilight's flexible iLED series is lightweight and portable making it ideal for travel to or from the office or gym. For international travel, be sure to carry an international travel adapter kit for the correct power source and electrical input.
- **Q8.** What should I do if I cannot use the iLED?
- If there is a medical problem, please contact your doctor. If there is a technical problem with the iLED, please contact www.CelLED.net
- **Q9.** Why do certain rows of diodes look like they are not emitting light?
- The iLED series contains up to 3 different wavelengths of therapeutic light, 660nm, 850nm, and 940nm. 660nm light looks red and the other two are not visible.
- **Q10.** Why is it recommended to remove makeup?
- Many make-up formulas contain minerals that may reflect or absorb light. Clean, freshly washed skin is recommended for best results.

Revision History	
Date	Description of changes
January 2024	New Layout

	<p>LightpathLED iLED Pad Wrap Systems [pdf] User Manual iLED-Pro Tri-Wave Multi-Pulse, iLED Multi-Pulse, iLED Pad Wrap Systems, iLED Pad Wrap Systems, Pad Wrap Systems, Wrap Systems, Systems</p>
--	--

References

- [🌐 CelLED.net](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.