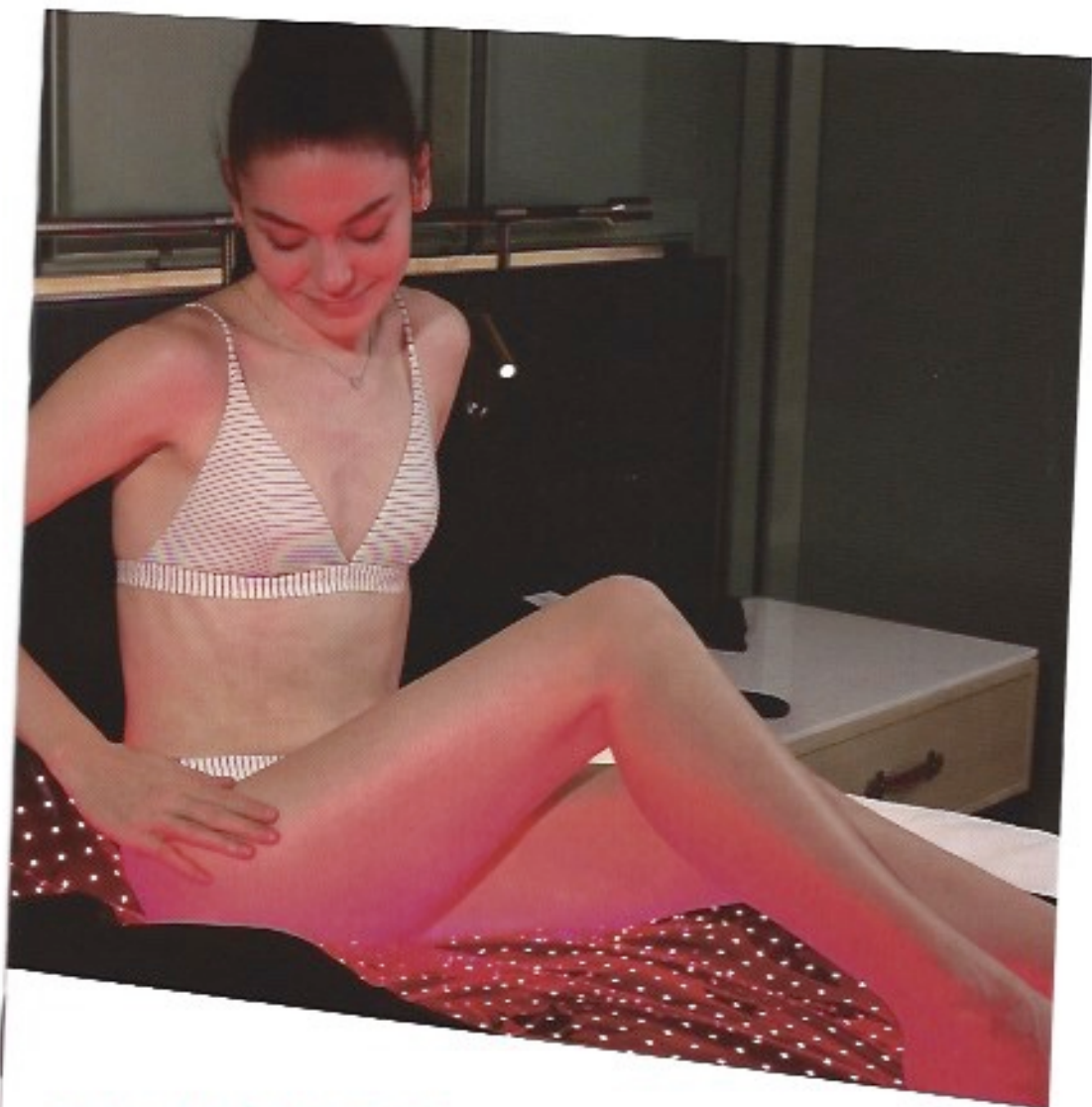




## **Red Light Therapy Pad**

Create a better life with LED technology

## Red light Therapy Family 1

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We are excited to have you join us, and we can't wait to see how you benefit from the power of Red Light Therapy. Near infrared light therapy, also known as low-level laser light therapy (LLLT), is a non-invasive treatment that uses low-intensity red and near-infrared light to stimulate cellular processes and promote healing and regeneration.

### What is Red light Therapy?

Red light therapy is a process of emitting light waves through the skin to stimulate your body's natural healing and regeneration processes.

### How Does it Work?

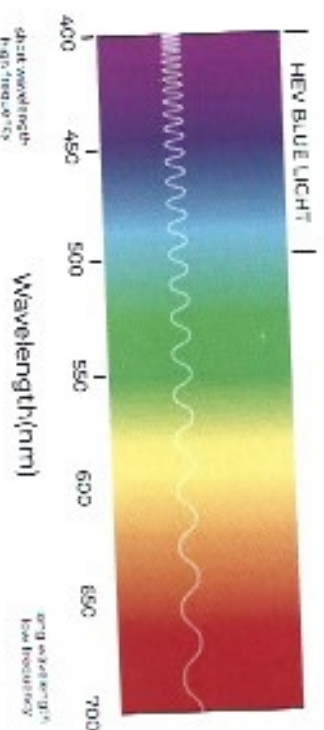
When we receive the optimal wave lengths and energy levels, we are near-infrared light protect your body cells from oxidative damage, which can otherwise stop the cells production of ATP, which you're stressed or ill. Red light photons allow your cells to continue utilizing oxygen effectively by stimulating the absorption of nitric oxide. Only red light therapy can reach all the way into a cell's mitochondria to stimulate healing and regeneration to help improve your appearance, performance and overall well-being, generation to help improve your appearance, performance and overall well-being.

At the highest end of the visible light spectrum is red light, which goes from a little over 600nm to 800nm, nearly 700nm.

Above the visible light spectrum is near-infrared light from about 700nm to a little over 1,000nm. It is specifically these red and near-infrared wave lengths that have amazing effects on our bodies. Most research proving benefits of red light and near-infrared light have used wave lengths in the ranges of 620-680nm and 800-880nm. There have now been literally thousands of studies done in both animals and humans.

Overall, red and near-infrared light has been repeatedly shown to have positive effects on cell function in animals and human studies and aid in improving a wide range of conditions.

### VISIBLE LIGHT SPECTRUM CHA RT NATURAL VIS SPECTRUM SPECTRUM WAVELENGTHS





## Tech Specs & Models



194mw/cm<sup>2</sup> @ 0 inches

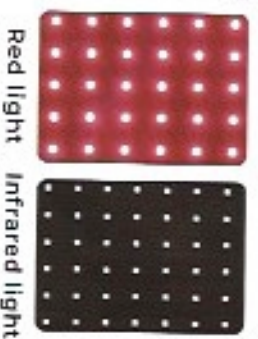
## Product Parameters

|                  |                                            |
|------------------|--------------------------------------------|
| Product Size     | 1900*600mm                                 |
| Product Material | Neoprene                                   |
| Product Color    | Black                                      |
| Spectrum         | 660nm,850nm                                |
| LED Quantity     | 2480 Pcs(1*660nm+2*850nm in 1 chip)        |
| Net weight       | 5.32kg                                     |
| Input Voltage    | 100V-240V 50/60Hz                          |
| Actual power     | 153W                                       |
| Application      | Hospital, home use, gyms, pets, human body |



1\*660nm Red Light (Eyes Visible)

2\*850nm Near Infrared (Invisible Light)



Red light Infrared light

Socket for controller

Socket for power supply

## What's in the Box

①



②



③



④



⑤

①: 1x Red Light Therapy Pad

②: 2x Power Adapter

③: 2x Color Screen

④: 2x Power Cable

⑤: 1x User Manual

⑥: 1x Travel Bag

## FAQ

### How should I use my red light?

For maximizing cellular health, including deep tissue treatment. It is recommended to use your red light every day or at least five times a week. For getting pain relief from strains and aches, three treatments per day are suggested.

### Should I wear eye protection?

Eye wear is not required; it's optional. Your eyes are not accustomed to the red light, and red light may appear very bright. For this reason, we recommend closing your eyes or wearing sunglasses. If you have any concerns, consult your trusted healthcare provider.

### Why do the near-infrared LEDs on my RTL look like they are not working?

The human eye can only see wavelengths of light up to 780nm or so. The red therapy uses a wavelength of 850 nm for the near-infrared LEDs that a naked human eye cannot observe.

### What is the difference between red and near-infrared wavelengths?

Both near-infrared light at 850 nm and red light at 660 nm have been designed to improve cellular function. The main difference is that the skin tissues absorb the red light, leading to enhance collagen production and skin health. Near-infrared light at 850 nm is not visible to the human eye. It penetrates deeper tissue, leading to benefits like increased reduced joint pain and muscle recovery.

### Can I wear clothes when using the red light?

Yes, you can wear clothes, or you can be nude during the treatment. The only thing that does matter is the specific areas of the body you want to be treated is fully exposed to the body. Treat areas should not be covered by any clothing.

### Will the red light interface with the medical actions I use?

Many clinical studies and researches have proven that light therapy is effective and safe. However, if you are using medications such as beta-blockers, ACE inhibitors, or other photosensitizing drugs, we recommend you to consult your healthcare provider or therapist before using the red light.

### Is it safe for children to use the red light?

Clinical studies have shown that the red light is safe and have no side effects. But, before using red light to children, contact your doctor.

## Safety First

Before cleaning your device(s), make sure the device(s) are powered off and power cords are unplugged from any power source. Please remove devices from their mounting accessories before cleaning. To clean your panel, except lens parts, you can use a microfiber rag with water to clean the body of the device. Do not spray or apply any moisture to the device directly. Be careful when wiping around vented slot openings, LED openings, and any input or output openings to avoid moisture intrusion.

**\*Caution: Do not use chemical cleaning agents such as alcohol to clean the surface of lens of the device.**

**\*When not in use, please roll up carefully and for storing.**

### Storing the Device(s)

The device and accessories should be stored in a clean and dry location. Storage Condition:

**Temperature 0°C - 40°C (32°F -104°F)**

**\* Humidity less than 50% Warranty RL series devices do not require any user maintenance. If the device requires servicing, please contact at Devices and device parts are not user serviceable.**

Devices and parts are covered by a 1 year warranty limited warranty.

## WARNINGS

1. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
2. Children being supervised not to play with the appliance.
3. WARNING: Do not stare at the emitter. Read instructions carefully.
4. Please protection of the eyes against exposure to visible and infrared radiation; strictly follow the cycle time specified in the usage instructions.
5. If unexpected side effects, such as itching, occur within 48 h of the first session of using an appliance, medical advice should be sought prior to further exposure;
6. The appliance must not be used if the timer is faulty or the filter is broken or removed.
7. Forbid replacement by the user and tools are needed to replace the emitters.



Our products are not intended to diagnose, treat, cure, or prevent any disease. Our products are low risk, general wellness / fitness products in accordance with the "General Wellness Policy on Low Risk Devices" draft released January 20, 2015.