# **LUMINOUS LIGHT THERAPY**



# **Not all Red LED Light Mats** are Created Equal

Astonishing results have been achieved when using genuine red LED (r-LED) treatment mats for self-care. However, this state-of-the-art high-value technology has attracted many impostors. With a health care system that is focused more on the bottom line than on positive outcomes people must increasingly rely on Self-Care. r-LED fills a substantial need as a drug-free cost-effective alternative to conventional remedies.

An examination of the various available red light alternatives reveals lots of ineffective and useless knock-offs. Many of these clones plagiarize the results achieved with genuine r-LED mats. The Internet provides a quick way for you to locate options, but it is also a fast and easy way for inferior infrared products to ride the coattails of the real r-LED's impressive track record. A perfect current example is the estimated 60% of fake N95 Covid-19 masks found on the Internet today.

There are a number of factors which one must consider when evaluating an r-LED mat. The more important factors include:

- Number of LED's
- r-LED wavelength
- r-LED power supply output voltage
- r-LED efficiency
- r-LED mat density
- r-LED voltage
- Mat size
- Output power per unit of mat area
- Adjustable output power
- System EMF radiation
- Mat durability
- Mat flexibility
- Made In USA
- Manufacturing quality
- Customer support
- Warranty
- AND of course price





# **Buyer Beware**

Following (back side) is listing of knock off products found on the Internet regarding Red LED light products. Most importantly they are not single wavelength - they are all wavelength of Red like Holiday tree lights or a heat lamp.







| Results<br>Summary:        | Kinreen         | DGYAO           | DPL Flex    | Walgreens<br>Flexible LED | Sunglor        | SZ Idea<br>Light |
|----------------------------|-----------------|-----------------|-------------|---------------------------|----------------|------------------|
| Price*                     | \$69*           | \$179*          | \$169       | \$69                      | \$48*          | \$64*            |
| Treatment Area             | 12.5"x 5"       | 22.5"x 5.75"    | 8"x 3.125"  | 5"x 3.75"                 | 10.5 x 5"      | 22"x 5"          |
| # of LEDs                  | 120             | 216             | 60          | 42                        | 170            | 105              |
| Wavelengths                | 660nm 850nm     | 660nm 880nm     | 660nm 880nm | 660nm 850nm               | 660nm 850nm    | 660nm 850nm      |
| Maximum<br>Power/Intensity | 28.0 mW/cm2     | 14.2 W/cm2      | 40.9 mW/cm2 | 22.6 mW/cm2               | 35.8 mW/cm2    | 42.0 mW/cm2      |
| EMF Level                  | Low             | High            | Low         | High                      | N/A            | High             |
| Operating Temp             | Highest         | Lowest          | Average     | Average                   | Average        | Average          |
| System Voltage             | 12VDC (adapter) | 12VDC (adapter) | 12VDC       | 5VDC (adapter)            | 5VDC (adapter) | 12V (adapter)    |

# Comparing Luminous Light's "Take Home Product" to the List of Products Above

There are 5 key points that dictate the pricing range and quality of the Red LED Light products:

#### 1. Number of LEDs

Luminous has **840 Red LED**s compared to **42 up to 206** for the Internet list above Luminous will clearly outperform all the above listed models based on LED alone

#### 2. Wavelengths of the LEDs

On Luminous there are 3 Single Wavelength Red LEDs at each location 600, 660 and 850nm These are actual semiconductor chips manufactured by Siemens Most companies do not use single wavelength LEDs but simply Red LEDs There will be little if any pain reduction using Red LEDs

### 3. Intensity of the Light aka power

From Luminous is 64 mW/cm<sup>2</sup> compared to only 9.1 up to 29 mW/cm<sup>2</sup>

#### 4. Level of EMF

Zero EMF compared to low and High

There should be zero harmful EMF from product used on the human body

#### 5. Heat

Luminous has a fully adjustable power adjustment control

One size does not fit all

A small frail person reacts differently to heat compared to an extra-large person

Top Brand: BodyBalanceSolutionOnline.com

This FDA recognized technology is 100% natural, Drug Free program for pain management, body sculpting, wound healing, arthritis care and more.

