

# CLEOPATRA

world of wellness

Wellness Innovation  
since 1966

## WELLNESS RED LIGHT THERAPY

ELEVATE EVERY WELLNESS EXPERIENCE

[www.cleopatra.nl](http://www.cleopatra.nl)



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# WELLNESS RED LIGHT THERAPY

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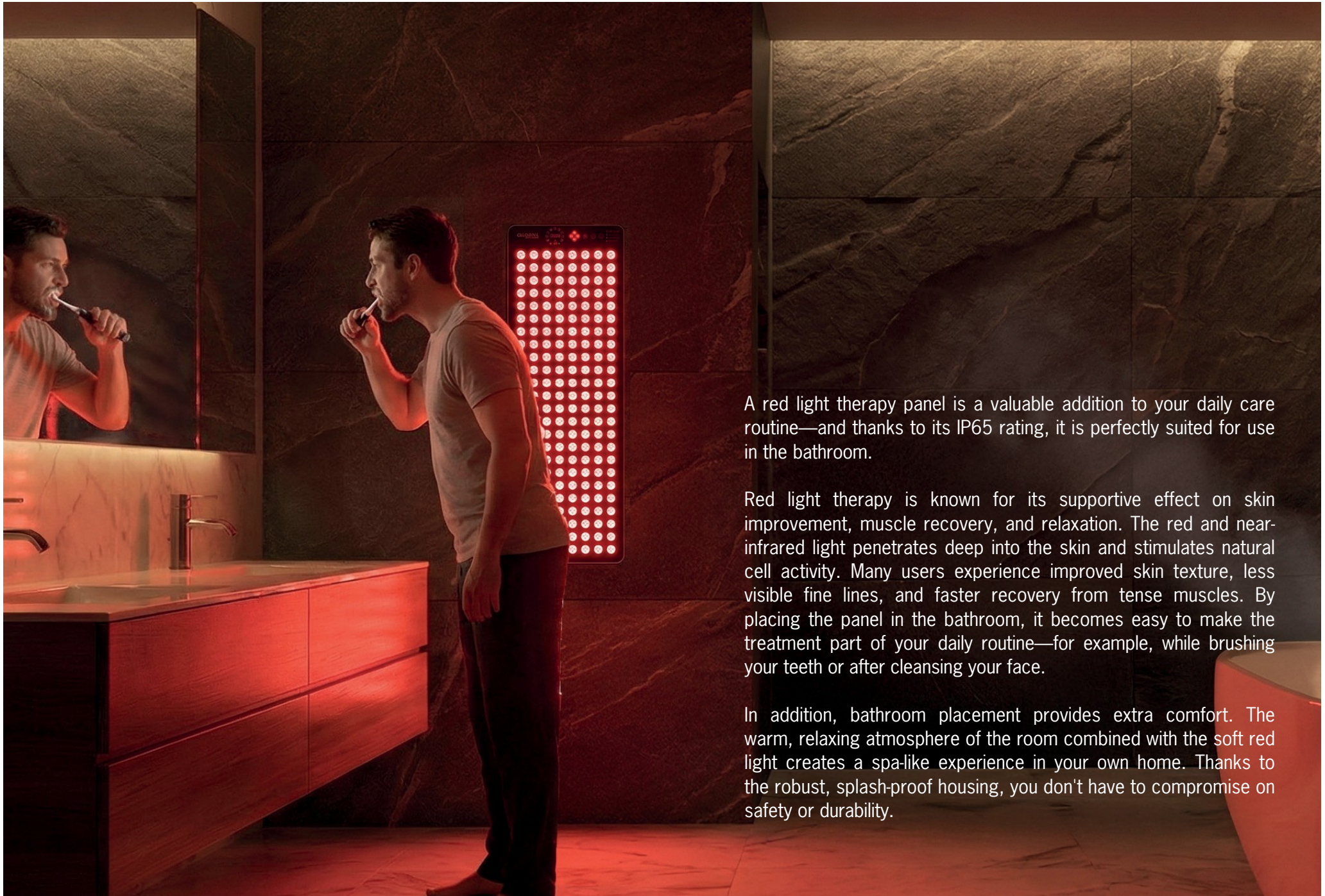
## WELLNESS RED LIGHT THERAPY

Red light therapy, also known as photobiomodulation and low-level light therapy (LLLT), uses specific red wavelengths and near-infrared (NIR) light to provide a range of health and wellness benefits.



Scientists initially researched this therapy to help plants grow in space and unexpectedly discovered that intense red LED light also promoted the growth of human cells. This discovery led to research into red and near-infrared wavelengths on human cells, which showed that they can increase energy production in our cells.

Red light therapy harnesses the power of red and near-infrared light to stimulate energy production in our cells, offering various benefits for our health and well-being.



A red light therapy panel is a valuable addition to your daily care routine—and thanks to its IP65 rating, it is perfectly suited for use in the bathroom.

Red light therapy is known for its supportive effect on skin improvement, muscle recovery, and relaxation. The red and near-infrared light penetrates deep into the skin and stimulates natural cell activity. Many users experience improved skin texture, less visible fine lines, and faster recovery from tense muscles. By placing the panel in the bathroom, it becomes easy to make the treatment part of your daily routine—for example, while brushing your teeth or after cleansing your face.

In addition, bathroom placement provides extra comfort. The warm, relaxing atmosphere of the room combined with the soft red light creates a spa-like experience in your own home. Thanks to the robust, splash-proof housing, you don't have to compromise on safety or durability.

## PRODUCT FEATURES

### Technology

- Fully enclosed housing with internal intelligent circulation cooling system.
- Designed for optimal comfort and ease of use.
- Not only for home use, but also for commercial applications.
- Patented 4-in-1 lens system (red + NIR + blue + orange).

### Water resistance

IP65-certified sealed construction. Resistant to water vapor and humidity. This makes it ideal for bathrooms, cool-down rooms, and saunas, for example.

### Temperature resistance

Ultra-wide operating range:  $-40^{\circ}\text{C}$  to  $90^{\circ}\text{C}$ . Suitable for sauna heat, ice bath zones, and thermal contrast environments.

### Room compatibility

- Saunas
- Infrared cabins
- Cool down rooms
- Bathrooms
- Swimming pool areas
- Relaxation areas
- Living room
- Massage studios

### Unique cooling system

Internal intelligent circular cooling system that enables heat management in a completely enclosed structure. This makes the product whisper-quiet and energy efficient.

## TECHNOLOGY LIGHT SOURCE

A 4-in-1 patented lens system.

- Each LED evenly integrates red + NIR + blue + orange.
- Each light source is a full-spectrum emission unit.
- The panel provides very uniform illumination without visible color segmentation.
- The visual effect is refined and very high quality, making the treatment highly effective.

### WAVELENGTHS



#### **Blue - wavelength 480 nm, 415 nm**

Penetration depth: mainly epidermis and superficial dermis (0.05-1 mm) Energy level: high photon energy due to shorter wavelength.



#### **Orange - wavelength 590 nm**

Penetration depth: penetrates moderately into the skin, up to 1-2 mm into the tissue—deeper than blue light, but less deep than red light.



#### **Red - wavelengths 630 nm/660 nm**

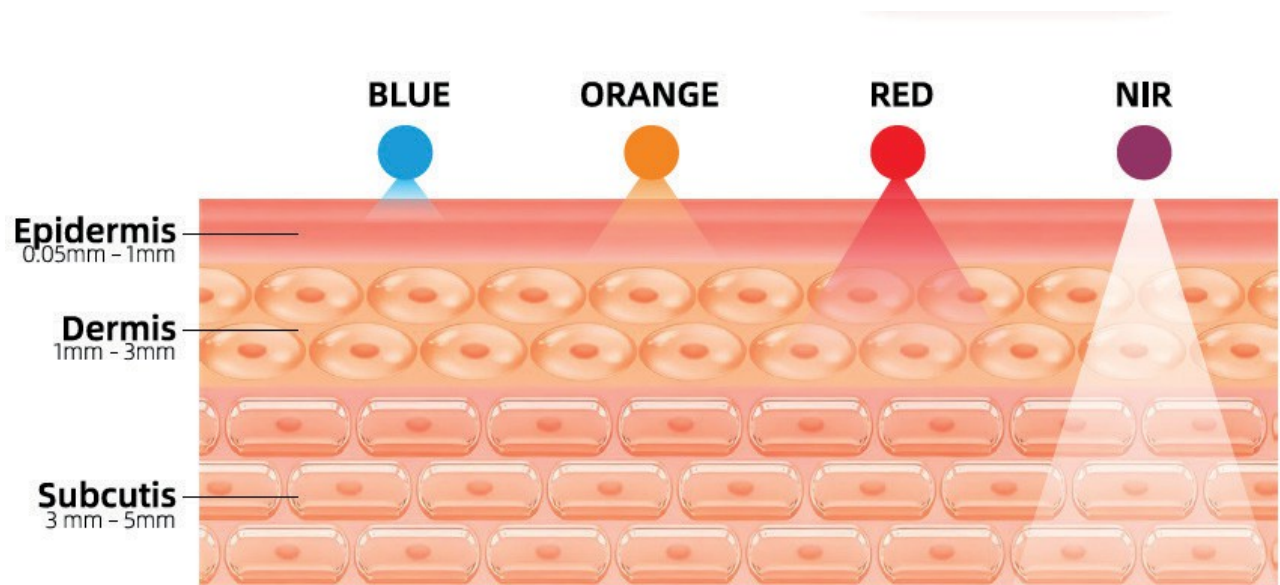
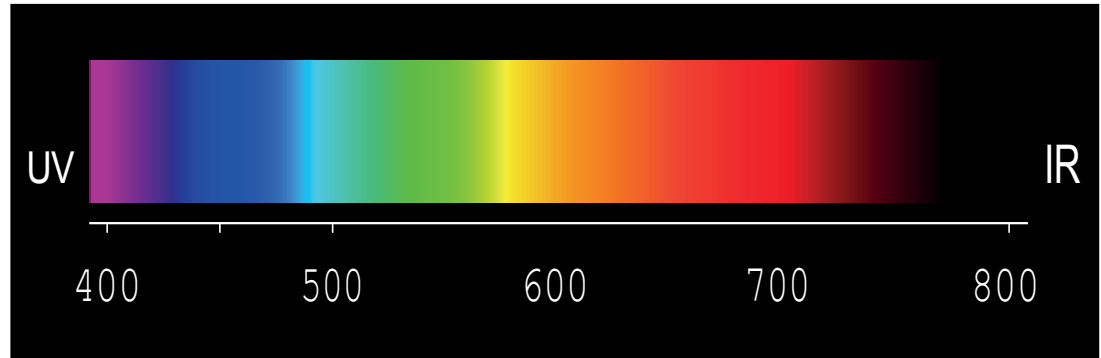
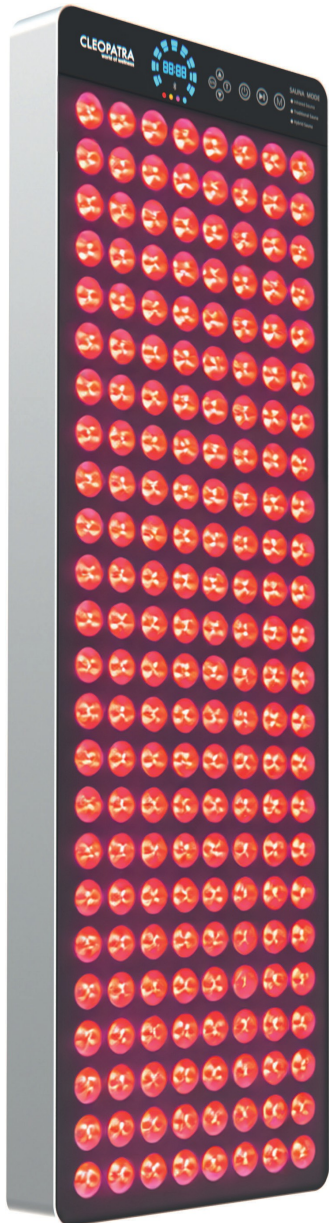
Red LED light penetrates deeper into the skin than blue LED light, up to 2-3 mm into the tissue. Lower photon energy, but greater tissue penetration.



#### **NIR (near infrared) - wavelengths 810 nm, 830 nm, 850 nm, 1060 nm**

Penetration depth: One of the deepest penetrating light spectra, capable of penetrating 5 mm or more into tissue to reach muscles, joints, and deeper subcutaneous layers.

# SCHEMATIC DIAGRAM OF THE SPECTRUM



The combination of a sauna and red light therapy brings warmth and light therapy together in one powerful wellness experience. While the sauna warms the body from the inside out, red and near-infrared light supports the recovery process at the cellular level. Together, they provide deep relaxation and effective support for the body.

Red light therapy in a sauna takes your wellness moment to the next level. The synergy between heat and light provides relaxation, recovery, and skin support in a single session. It is a modern addition to a traditional form of relaxation—ideal for those who want to combine maximum relaxation and care.





Working from home takes a toll on your body. Long hours at a desk, little movement, and constant focus on a screen can cause stiff muscles, tired eyes, and declining energy levels. Red light therapy offers a simple way to actively invest in your recovery and vitality during your workday — right from your own workplace.

## EFFECTS OF DIFFERENT COLORS T LIGHT

Individual experiences and effects of color light therapy may vary.



### STIMULATION

Red light provides energy and stimulates blood circulation, blood flow, and heart rate. It can stimulate your metabolism and assist with muscle recovery.

### DETOXIFICATION

Red light helps stimulate the lymphatic system, which may aid in detoxification and waste removal.

### PAIN RELIEF

The anti-inflammatory properties of red light can help reduce pain, particularly chronic pain and muscle pain.



### RELAXATION

Blue light has a calming effect, promotes relaxation, and reduces stress. It can lower cortisol levels, your body's stress hormone.

### IMPROVEMENT OF SLEEP CYCLE

Exposure to blue light in the evening can help regulate your sleep-wake cycle, leading to better sleep quality.

### SKIN HEALTH

Blue light has mild antibacterial properties, which may help treat acne and improve skin health.



### **MOOD ENHANCEMENT**

Yellow light has an uplifting effect and improves mood, promoting optimism and positive thinking.

### **MENTAL CLARITY**

Yellow light can stimulate the mind and improve cognitive functions, thereby improving focus and concentration.

### **SUPPORTING DIGESTION**

Yellow light can stimulate digestion and improve intestinal health.



### **SPIRITUAL CONNECTION**

Purple light is associated with spirituality and intuition. It can promote mindfulness and self-awareness.

### **CREATIVITY AND INSPIRATION**

Purple light can stimulate creativity and imagination and enhance artistic expression.

### **PAIN RELIEF**

Like red light, purple light has anti-inflammatory properties that can help reduce pain and discomfort.



### **MOTIVATION AND CREATIVITY**

Orange light energizes and motivates, stimulating action and creativity.

### **WARMTH AND COMFORT**

Orange light creates a warm and inviting atmosphere and promotes feelings of comfort and cheerfulness.

### **REGULATION OF APPETITE**

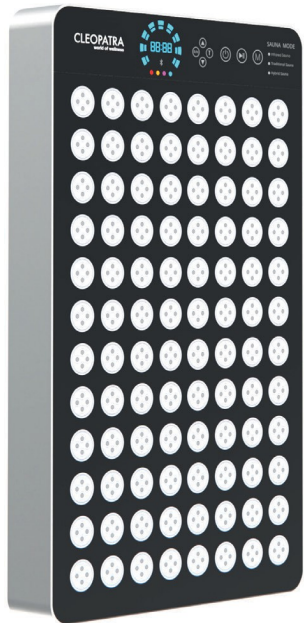
Orange light can help regulate appetite and metabolism, which may contribute to weight control.



NIR (near infrared) targets the skin's surface, promotes perspiration, and can stimulate collagen production. This can help improve circulation, reduce inflammation, relieve muscle pain, support detoxification, and promote a general sense of well-being.

# SPECIFICATIONS

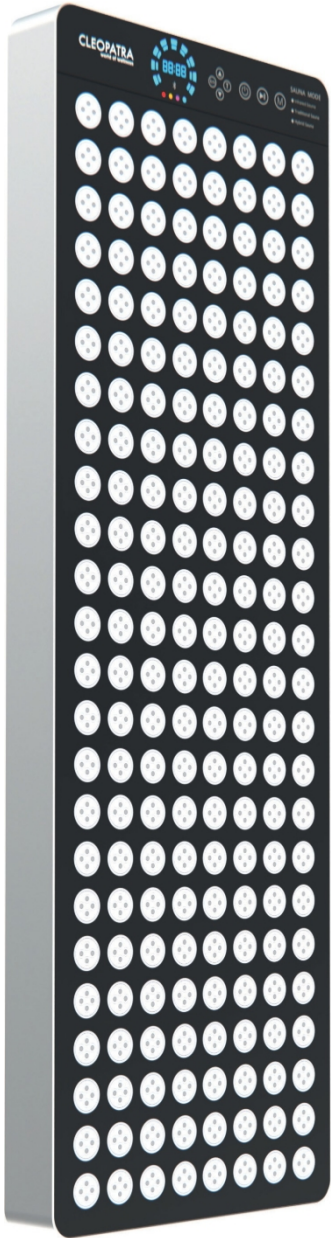
## CLEO WELLNESS LIGHT - MEDIUM



Product dimensions:	51 x 30.5 x 5.5cm
Power	220W
Number of LEDs:	384
Number of wavelengths:	9
Functions:	Preset and custom mode
Control:	Touch panel, remote control
Water resistance:	IP65
Temperature resistance:	-40 - 90°C
Material:	Aluminum
Radiation intensity:	175 mW/cm <sup>2</sup> (maximum)
Intensity control:	Dimmable
EMF:	0.0 µT/ No Flicker
Weight:	5.2 kg
Warranty:	2 years

Optional: mobile floor stand

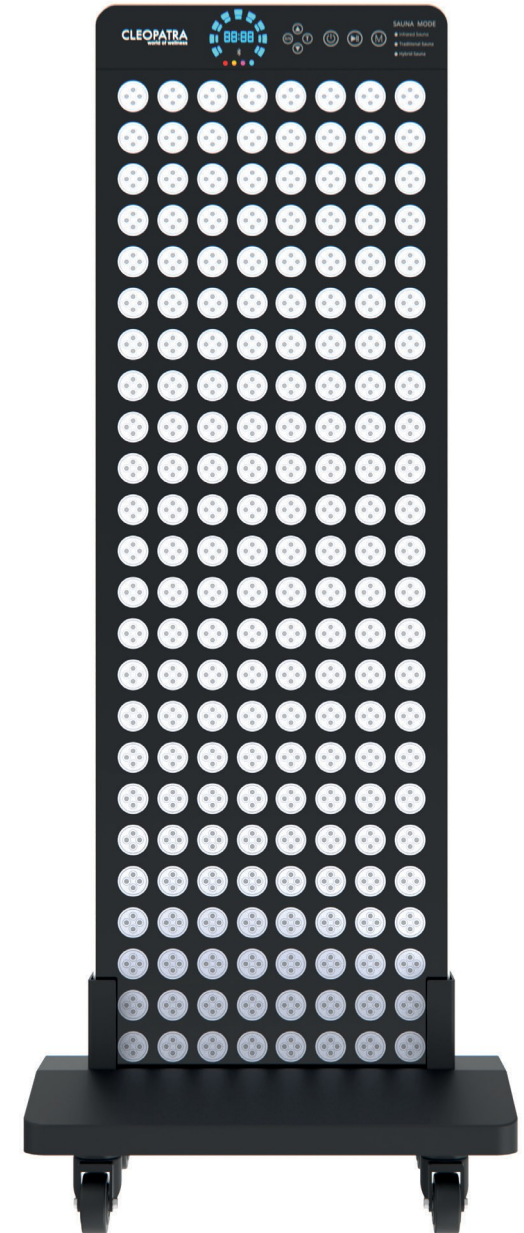




## CLEO WELLNESS LIGHT - MEDIUM

Product dimensions:	93 x 30.5 x 5.5 cm
Power:	410W
Number of LEDs:	768
Number of wavelengths:	9
Functions:	Preset and custom mode
Control:	Touch panel, remote control
Water resistance:	IP65
Temperature resistance:	-40 - 90°C
Material:	Aluminum
Radiation intensity:	185 mW/cm <sup>2</sup> (maximum)
Intensity control:	Dimmable
EMF:	0.0uT/ No Flicker
Weight:	7.5 kg
Warranty:	2 years

Optional: mobile floor stand



Cleopatra offers the perfect wellness experience for individual spaces. Smart solutions for a range of unforgettable moments of personal well-being and relaxation.

For more information about Cleopatra, visit our website [www.cleopatra.nl](http://www.cleopatra.nl) or contact the Cleopatra branch or partner in your country.

### **Cleopatra**

Cleopatra has been the Dutch manufacturer of luxury and high-quality wellness products since 1966. Our range consists of steam/shower cabins, custom steam solutions, baths, whirlpools, saunas, infrared cabins, and spas. We serve both consumers and the professional market. Cleopatra's main source of inspiration is water, with the consumer's need for relaxation being paramount. To guarantee quality, all our products are manufactured in-house by skilled craftsmen. In addition, we subject all manufactured products to extensive and thorough quality testing. With our passion for the product and our many years of experience, we guarantee the highest quality and durability of all Cleopatra products.

### **Showroom**

To get a good impression of our products, we recommend visiting our showroom and Wellness Experience Center in Zaandam. The vast majority of our range is clearly presented here. Our experienced staff will be happy to welcome you and advise you.

### **Wellness Experience Center**

Try out wellness products for the bathroom for yourself. Shower, steam room, sauna, infrared or bath, it doesn't matter. Experience the feeling of bubbling water, the beauty of the flowing design, the invigorating scents of the steam cabin and the massaging power of the latest whirlpool system.

### **Personalized advice**

To ensure you receive the best advice, we also offer you the option of having a Cleopatra wellness consultant visit your home to discuss the possibilities for creating your ideal wellness space. Please contact our office to make an appointment for a consultation.

For more information, call 075 - 6478200 or visit [www.cleopatra.nl](http://www.cleopatra.nl).

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