



## YELLOW LIGHT

For Skin Tightening and Alleviation of  
Swelling

Key Highlights on Yellow LLLT:

- ① Yellow light impacts mitochondrial respiration, elevating ATP production.
- ② Facilitates the release of nitric oxide, aiding in neurotransmission and tissue healing.
- ③ Mitigates the inflammatory response by diminishing edema.
- ④ Enhances skin suppleness while reducing metalloproteinase activity.
- ⑤ stimulates fibroblast activity, promoting the production of collagen and elastin fibers in the dermis for reducing wrinkles.

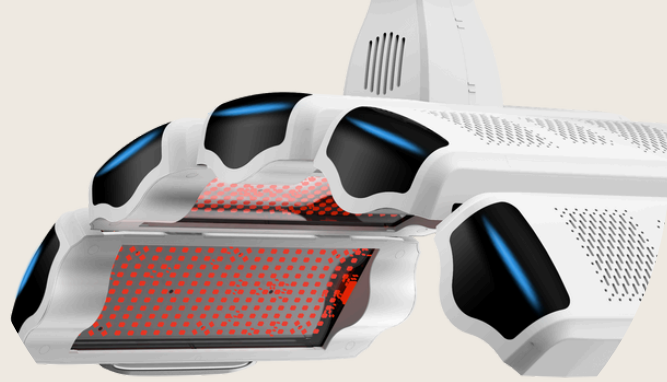
## NEAR INFRARED LIGHT

- ① Enhanced Cellular Repair: Near-infrared light penetrates deeply into tissues, stimulating cellular repair and regeneration. This can accelerate healing processes, making it beneficial for wound healing, tissue repair, and muscle recovery.
- ② Pain Relief: Near-infrared light therapy has analgesic properties, helping to reduce pain and discomfort associated with various conditions such as arthritis, muscle strains, and neuropathy. It can alleviate both acute and chronic pain by targeting inflammation and promoting the release of endorphins, the body's natural painkillers.
- ③ Improved Circulation: Near-infrared light therapy enhances blood circulation by dilating blood vessels and increasing the delivery of oxygen and nutrients to tissues. This can benefit individuals with circulatory issues, such as peripheral artery disease, by improving tissue oxygenation and promoting overall cardiovascular health.
- ④ Enhanced Brain Function: Near-infrared light has shown potential in improving cognitive function and mental clarity. It can stimulate the production of ATP in brain cells, leading to improved energy metabolism.

## LOW LEVEL LIGHT THERAPY



Illuminate Your Wellness:  
Discover the Power of  
Low Level Light Therapy



# LOW LEVEL LIGHT THERAPY

Experience relief from dry eyes and discomfort with our innovative low-level light therapy (LLLT) treatment. LLLT offers a non-invasive and gentle approach to alleviate dry eye symptoms effectively. By targeting inflammation and promoting cellular rejuvenation in the eyes, LLLT helps restore moisture and soothe irritation, providing lasting relief from dryness, redness, and irritation. Say goodbye to constant discomfort and hello to refreshed, comfortable eyes.

## RED LIGHT

Inflammation Reduction and ATP  
Production Stimulus

Key Highlights on Red LLLT:

- ① Improves cells metabolism due to increased ATP production within mitochondria
- ② Reduces inflammation by regulating anti-oxidant defenses and reducing oxidative stress
- ③ Light-induced activation of transcription factors and signaling pathways
- ④ When a 15-minute treatment is applied, the total fluence in the treated area is up to 100 Joules/cm<sup>2</sup>



## BLUE LIGHT

Effective for Bacterial Eradication

Key Highlights on Blue LLLT:

- ① Blue light's energy is absorbed by molecules known as porphyrins present in bacteria, initiating photosensitization.
- ② Exposure to this light induces photodynamic inactivation, a process wherein bacteria are destroyed by light.
- ③ Porphyrin molecules bound to the cell membrane produce singlet oxygen radicals, causing harm or disruption to the cell wall of various gram-positive bacteria, leading to their demise.
- ④ Bacteria possess relatively feeble defense mechanisms against singlet oxygen, which amplifies the effectiveness of photodynamic inactivation.