

Healing Light Therapy

Stimulating the body's natural healing process

Light Therapy Helmet for Neurological Disorders



Light therapy describes the use of red or near-infrared light to stimulate, heal, regenerate, and protect tissue that has either been injured, is degenerating, or else is at risk of dying. One of the organ systems of the human body that is most necessary to life, and whose optimum functioning is most worried about by humankind in general, is the brain.

The following three major types of brain conditions can be beneficially affected by applying light to the head:

- Traumatic events (stroke, traumatic brain injury, and global ischemia),
- Degenerative diseases (dementia, Alzheimer's and Parkinson's disease),
- Neuropsychiatric disorders (depression, anxiety, post-traumatic stress disorder).

Light therapy can also be used for cognitive enhancement in healthy people.

Factsheet

Effect of wavelength:

Our light therapy helmet uses 1070nm LEDs which penetrates human tissues well, even penetrating the human skull where it has a beneficial effect in the brain. The cognitive and memory impairment can be ameliorated by using this 1070nm wavelength (color) as well as the behavioral deficits associated with these neurological conditions. Using light therapy has also neuroprotective effects, slowing the underlying death of neurons and promoting regeneration.

Light therapy has been considered a safe, non-invasive and effective neuroprotective treatment for people with neurological conditions.



Main function:

- LED light can penetrate the head and reach the brain where it is absorbed by cytochrome c oxidase in mitochondria.
- Heat-gated ion channels also play a role.
- Increased blood flow, energy, neuroprotection, less inflammation, brain repair.
- Can treat traumatic, neurodegenerative and psychiatric diseases.

Why choosing for our light therapy helmet?

- Fully owned and developed in-house, using state-of-the-art LED technology using 1070nm LEDs.
- Excellent cost/performance/results balance.
- Optimized control, down to 5% intensity for sensitive users.
- Clear and user-friendly controller for selecting program parameters.
- Powerful and easy to tune for best experience.
- Satisfaction guarantee: 2-months guaranteed money-back return policy.

Product specifications:

Wavelength (color):	1070nm
Number of LEDs:	320 (160 top, 160 band distributed)
Rated power:	19.2 Watts (@maximum intensity) Power supply medical safety approved, 12V, 40W maximum
Timer:	1..60 mins (setting per minute)
Intensity control:	0..100% (setting per 5%)
Frequency:	1..9999 Hz (setting per Hz)
Helmet:	Plastic cover, adjustable, white color
Other features:	Breath = special function (ramp-up / ramp down, 0..100% intensity)

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Product detail:



- Timer
- I: Intensity
- B: Breath
- F: Frequency
- Parameter setting
- Start/pause button
- Menu selector



Ordering information:

Article n°	Product description
HLM001	Helmet – 1070nm LEDs

For more information, visit www.healing-light-therapy.com or contact us at info@healing-light-therapy.com.