

MANY
SUCCESSFUL
PROJECTS

INTERNATIONAL
RECOGNITION

1000s OF
SATISFIED
CUSTOMERS

MULTIPLE
USES &
APPLICATIONS

EXTENSIVE
RESEARCH &
DEVELOPMENT

NUMEROUS
COLLABORATIONS
& CLINICAL TRIALS

NEW PRODUCT
PIPELINE
& DESIGNS

LEADERSHIP IN
PHOTOBIO-MODULATION



PHOTO BIO

MODULATION

UNIQUE
WELLNESS
DEVICES
BRAIN &
SYSTEMIC

VIELIGHT
The Life Light®

NEURO

ALPHA

NEURO

GAMMA

X-PLUS

633

nm

655

nm

810

nm

NEURO ALPHA | US\$1,749



Powerful Mental Acuity NEURO PBM Devices

NEURO GAMMA | US\$1,749



PHOTOBIMODULATION

Photobiomodulation (PBM) is a bioenergetic process. It utilizes red and near infrared (NIR) light to enhance mitochondrial function in cells by modulating a photosensitive enzyme, — cytochrome c oxidase. This is important because mitochondrial fitness affects most facets of health due to its role in gene transcription.

The Vielight Neuro Alpha is a personal-use brain photobiomodulation device that delivers 810 nm near infrared light energy, pulsing at 10 Hz, via LED clusters. The LEDs are directed to the hubs of the default mode network of the brain. The pulse rate of 10 Hz correlates with alpha oscillations within the brain. This frequency is associated with improved recovery and a resting brain state. It is ideal for meditation, mindfulness, focus, biohacking and general wellness.

The Vielight Neuro Gamma is a personal-use brain PBM device that delivers 810 nm near infrared light, pulsating at 40 Hz via LED clusters. The LEDs are directed to the hubs of the default mode network of the brain. A healthy default mode network is associated with a healthy brain. Published research shows that more intense 40 Hz pulse rate correlates with gamma oscillations within the brain and is associated with increased cognitive and memory processing and consolidation.

The NEURO Technology & Trials

The Neuro RX device, very similar to the Neuro Gamma, is used in two Alzheimer's clinical trials. They show that the 40 Hz pulse rate correlates with memory consolidation and beta-amyloid (senile) plaque reduction in some neurodegenerative diseases. More cognition-related trials are planned.

X-PLUS | US\$749



The X-Plus is a versatile device that can direct near infrared light to almost any location on the head or the body with its adaptable LED module that emits continuous 810 nm near infrared light (NIR). Photobiomodulation (PBM) of the brain, the thymus gland and of the gut are only some of the options with the X-Plus. Its strong and flexible stainless-steel band

Affordable Personal Multipurpose PBM Device



can be shortened or elongated to accommodate almost any placement on the body.

The X-Plus's nasal applicator has a 633 nm wavelength red light LED, which stimulates the circulatory system through the intranasal capillaries.

A more holistic approach to PBM is possible by combining the X-Plus with a Vielight Neuro.

The Vielight 633 Red is a personal systemic intranasal photobiomodulation LED device. This device utilizes a cold LED to emit visible red light of 633 nm visible wavelength. Each session is auto-timed for 25 min, to deliver total irradiation with red light photons of sufficient power density for a systemic effect.

Why the Nose for Systemic PBM?

The visible red photons diffuse into the thin, permeable nasal blood capillary network and circulate through the body.

The Vielight 655 Prime is a compact laser intranasal PBM device. This device utilizes a laser diode as a source of coherent visible red light with wavelength of 655 nm. Each session is auto-timed for 25 min, resulting in irradiation with red photons of sufficient power density for a systemic effect.

Why the Nose for Brain PBM?

Only a short, porous barrier exists between the ventral brain area and the nasal channel, — ideal for NIR diffusion.

The Vielight 810 NIR is an LED-based intranasal light therapy device. Engineered for gentle brain stimulation, it extends the systemic effects of the Vielight 633 and 655. The 810 nm near infrared light enables photonic transmission via the intranasal channel to the deeper ventral brain areas. Neurons are well-suited for photobiomodulation because they contain mitochondria which can feed on photonic energy.

633 RED | US\$299



Compact Focused Systemic PBM Devices 633 655

655 PRIME | US\$399



Compact Brain PBM NIR Device 810

810 NIR | US\$499



10 Hz Light Pulsing Frequency

633 nm Visible Red Light

810 nm Invisible Near Infrared Light, NIR

Safe Wellness Device*

Timed Operation

*FDA and CE safety compliant.

SIMPLE FACTS

WE HAVE IDEAS
**FULLY CHARGED
& FOCUSED**

Vielight Inc is poised at the forefront of brain photobiomodulation technology. We combine science with engineering ingenuity to develop devices that incorporate novel methods of delivering photons to the brain and inner systems of the body.

INVISIBLE
NEAR
INFRARED
LIGHT **810**nm

PHOTO
BIO
MODULATION **BRAIN &
SYSTEMIC**

NEW DESIGNS NEW PRODUCT PIPELINE

Today, we strive to look for new opportunities and expand our range of solutions by working in collaboration with a number of world-renowned research institutions in the PBM field.



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www.vielight.com