



Q.Light® PRO UNIT

COLOUR LIGHT THERAPY

Q.Light® PRO UNIT Phototherapy for professional use

Q.Light® PRO UNIT provides by using different, specific colour filters maximum flexibility and is easy to use. The optical system with special light source and patented technology, offers an ideal spectrum for various applications in the field of Photo- and Colour Light Therapy. The electronic control unit ensures the correct dose. By the comfort of being able to adjust the treatment time and the treatment diameter, **Q.Light® PRO UNIT** is the ideal therapy device for clinics, doctor's offices and therapists.

The following special colour filter modules are available for **Q.Light® PRO UNIT**:

- RED
- ORANGE
- YELLOW
- GREEN
- BLUE
- VIOLET

Technical data of Q.Light® PRO UNIT

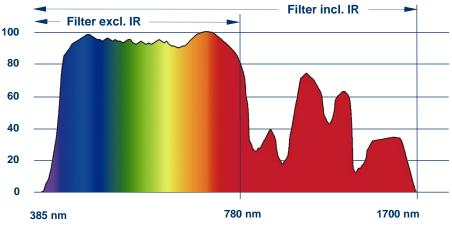
| Digital display | Timer, Control treatment diameter | | |
|---------------------------|--|--|--|
| Modules | RED PRO, ORANGE PRO, YELLOW PRO, GREEN PRO, BLUE PRO, VIOLET PRO | | |
| Ø Standard treatment area | 5 – 40 cm, variable | | |
| Light source | Natural Full Spectrum - Patented light source | | |
| Spectrum | 385 – 1700 nm 385 nm 780 nm 1700 nm | | |
| Polarization | ≥ 98 % | | |
| ViS emission | Wavelength of 385 – 780 nm | | |
| Infrared emission | Near-infrared radiation of 780 – 1700 nm | | |
| UV emission | No UV-radiation | | |
| Colour temperature | 4700 K | | |
| Certification | DIN EN ISO 9001:2008 & EN ISO 13485:2012 + AC:2012 | | |
| CE Mark | 0197 | | |

professional therapy system

Light quality & power density of **Q.Light**® PRO UNIT systems

Q.Light® emission spectrum with patented light source technology

Relative Transmission in %



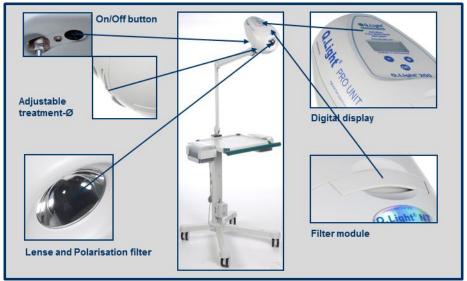
Q.Light® PRO UNIT - General treatment parameters

| Device | Polarization- degree | Treatment- distance | Treatment- diameter | Power- density |
|----------------------------------|-------------------------|------------------------|------------------------|-----------------------|
| Q.Light [®] PRO UNIT | ≥ 98 % | 40 cm | 10 – 40 cm | 20 mW/cm ² |
| | | 30 cm | 7 – 30 cm | 30 mW/cm² |
| | | 20 cm | 5 – 20 cm | 40 mW/cm² |

Additional technical data for Q.Light® PRO UNIT

| Medical devices class | lla | |
|-----------------------------------|---|--|
| Voltage | 230 V, 50 - 60 Hz | |
| Power supply | 60 VA max. | |
| Safety class | II, Type B | |
| Ø Treatment- energy efficiency | 40 mW/cm ² , 2,4 Joule/cm ² (min.) at standard treatment distance | |
| Weight | 1'200 g | |
| Size | 260 x 158 x 173 mm (L x B x H) | |
| Guarantee | 24 month | |

Q.Light® PRO UNIT assembled on Standwagon Pro Details



defined spectrum

General information about Q.Light® Phototherapy

Q.Light® Phototherapy is efficacious in all phases of healing: It arrests inflammations, alleviates pain, activates the immune response, improves perfusion and revascularization, increases lymphatic drainage and improves the metabolism.

Q.Light® Phototherapie regulates the hormonal system and optimizes the neuroimmunological parameters.

The **Q.Light® PRO UNIT** spectrum is clearly defined. It contains no ultraviolet rays and provides consistent energy output in the spectrum 385 to 1700 nm. The emitted light is polarized. Based on a power density of 40 mW/cm² at standard treatment distance, it penetrates deep into the tissue. The dose may be adjusted individually.

Q.Light® Phototherapy can be combined with standard treatment programs and thus represents an integratable treatment with a significant improvement in the regeneration.

Side effects or contraindications have not been reported.

How to treat with Q.Light® PRO UNIT

For optimal results, the **Q Light**[®] therapy with specialized treatment modules should be applied on a daily base. The average therapy dose should correspond exactly to the specifications. The light beam is directed in a right angle to the area to be treated. Only after treatment area has been properly cleansed, the patient's regenerative capacity is activated by Phototherapy.

At best, one session a day, up to 20 sessions within 4 weeks in average.

The **Q.Light® PRO UNIT** is specially designed for the treatment of wounds, pain, skin problems and psychological disorders.









Radiation is not recommended for people who are extremely sensitive to light (e.g. by the use of psychotropic drugs) and women in pregnancy.

optimized treatment results

Q.Light® PRO UNIT & Colour Filter Set - 6 Colour Filter Modules

The **Q.Light® PRO UNIT** offers special dichroic colour filter modules which allows to use the device also for colour therapy. In combination with the optimal colour temperature, of the patented bulb, results in brilliant colours.

Selection of Colour

The following tables provide decision support for color light therapy. Apart from indications and effects the recommended application duration is also given.

Nonspecific general effects and also color light therapy recommendations can be repeating. This is because of inter-individual differences of treatment and the subjective feeling of each particular patient. Therefore it concerns only recommandations and suggestions, which should always be agreed upon with a physician or therapist. Modifications in the diagnosis can entail another therapy colour.

Personal intuition is also of great importance. In case of doubt the patient should decide on colour and duration of the colour therapy according to feeling and well being.

Despite thorough research neither an exhaustive list nor on efficacy of treatment in individual cases may be brought. It is explicitly advised that information partially based on personal experience, but not on scientific studies.



Filter Module WHITE

General association

clarity, purity, youth, innocence, cleanness cure, recovery

Global effect

stabilization of immune system and self healing power, harmonization of the digesting system, anti depressant, activation of metabolism, activation of wound healing, enhancement of blood formation, relaxation

Cosmetic effect

improvement of skin elasticity and skin energy, regulation of moisture content, stimulation of cell renewal and oxygen supply, enhancement of collagen formation

Medical indication

wounds and scars, atopic dermatitis, metabolism disorders, seasonal affective disorder

Proposed treatment

To enforce the immune system as well as for prohpylaxis: spot on face and eyes, 8-10 minutes, to treat the skin: spot on concerned area, 4-8 minutes.



Filter Module RED

Characterization activity and warmth

General association

health, vitality, love and passion, sunrise and sunset, blood, danger and assistance, fire, revolution

Global effect

stimulation of circulation, nervous system, blood circulation and metabolism, activation of the energy reserves

Cosmetic effect

activation of cell metabolism, improvement the skin blood circulation, revitalization of fatigued skin

Medical indication

weak immune system, pain, blood circulation disorder, also frostbite, tiredness and exhaustion

Proposed treatment

For global effect: spot on the face, 8 – 10 min., for enhanced effect afterwards 4 minutes on solarplexus (abdominal/gastric region)



Filter Module ORANGE

Characterization activity and inspiration

General association

sunshine, warmth, inspiration and impulse, sociability and joy

Global effect

support of tissue creation, reviving and warming, activation of the muscle functions (relaxing), stimulating the psyche (moodenhancing)

Cosmetic effect

support of collagen fibres creation, reactivation of natural skin protection, improvement of skin stability, especially with orange skin (cellulite)

Medical indication

muscle pulling, headache, allergic reactions, depressions, reduced glandular activity

Proposed treatment

face and chest (area solarplexus) 10 - 15 minutes; stimulation of the psyche: spot on face and eyes, 8 min.; muscle relaxation: spot on affected area, e.g. for headache on the neck, 8 minutes



Filter Module YELLOW

Characterization

intelligence and success

General association

sunlight, gold, intelligence and mental activity, philosophy, success

Global effect

strengthening of digestive system, tonification of muscles, stimulation of lymphatic system, stimulation of the sensory and motor nervous system, excitation and brightening of the psyche, reduction of depressions

Cosmetic effect

relaxation and stabilization of irritated skin, reinforcement of natural immune system of the skin, stimulation of skin metabolism and lymphatic circulation

Medical indication

stomach and intestine complaints, depressive feelings, tiredness

Proposed treatment

depressions and tiredness: spot on face and eyes, 4-8 min., afterwards 4 minutes on solarplexus; digestive disorder: spot on solarplexus and stomach, 8-10 minutes



Filter Module GREEN

Characterization

compensation and hope

General association

nature, health, calmness and relaxation, balance and harmony, hope

Global effect

strengthening of immune system, heart and circulation, stimulation of hormone system, antiseptic, harmonization of organs, tissue formation, calming and relaxation for the brain

Cosmetic effect

treatment of general skin problems, binding moisture, calming of the skin, reduction of wrinkles caused by dryness and tightness

Medical indication

weakened immune system, fresh wounds and scars, tension, pain, particularly headache, incipient herpes, restlessness

Proposed treatment

to reinforce the immune system and for prophylaxis: spot on face and eyes, 8-10 minutes; herpes and fresh wounds: spot on affected skin area, 8-10 minutes; restlessness: spot on face and eyes, 8-10 minutes



Filter Module BLUE

Characterization

coolness and relaxation

General association

freshness, coolness, sky and width, mental and spiritual equilibrium, composure, loyalty

Global effect

soothing and analgesic, good for the eyes, antiseptic, antiinflammatory, relaxing and sleep inducing, calming

Cosmetic effect

moisturizer, refinement of skin relief, normalization of sebum production (blemished, irritated skin), relieve skin irritations

Medical indication

Fever, pain, restlessness, sleep disorder, inflammations, redness, acne, herpes, allergies, also sun allergies, sunburn, insect bites, excrescences

Proposed treatment

sleep disorder: spot on face and eyes, 8 minutes, for improved effect further 4 minutes on solarplexus; skin irritations: spot on concerned area, 4 – 8 minutes



Filter Module VIOLET

Characterization

individualism and intuition

General association

contrast between fire and composure (red and blue), penance, grief and sorrow

Global effect

Regulation of metabolic process, activation of lymphatic system, stabilization of nervous system, sedative effect on the organs (except spleen), antipyretic, inspiration and relaxation

Cosmetic effect

relaxation of the skin, tonification of skin cells, visible decrease of reddening, protection against free radicals, moisturizer

Medical indication

stress, circulation disorder, non specific pain

Proposed treatment

spot on point of pain, approx. 10 minutes or spot on face and eyes: 8 minutes, for better effect further 4 minutes on solarplexus

Quality certificate

Q.Light® Phototherapy Systems are certified active medical products based on DIN EN ISO 9001:2008 & EN ISO 13485:2012 + AC:2012 and carry the CE Mark **CE 0197**



Free Sales Certificate

This certification approves **Q.Products AG** to manufacture and sell **Q.Light**[®] therapy devices internationally.



certified medical products

Q.Products AG – biotechnology & photomedicine

Q.Products AG develops and manufactures specialized phototherapy devices for professional application and for self medication at home. Additionally to our **Q.Light**[®] **PRO UNIT** we also manufacture the following specialized devices:

- > Q.Light® ACNE CARE
- > Q.Light® PAIN CARE
- > Q.Light® WOUND CARE
- > Q.Light® SAD CARE

Q.Products AG

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