



BlueLight[®] mobile

Ultracompact bluelight emitter for innovative light therapy



BlueLight® mobile

Innovative LED blue light
for leisure and business



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|----------------------|--------------------------|
| 1 On-off-switch | 2 red LED signal |
| 3 Socket for charger | 4 LED with filter screen |

Special features BlueLight® mobile

- Innovative blue light, without ultraviolet (UV) and infra-red (IR)
- Microcontroller monitoring of time and intensity
- Integrated charge and discharge monitoring with safety cut-off feature
- Innovative LED technology
- On-off-switch
- Red signal LED as indication of charge status and on-off status
- Powerful USB-charger
- Modern and appropriate design, lightweight
- Shapely and robust packing
- Service life of LEDs ca. 20.000 hours
- Made in Germany

Basics of the light therapy

Light is not only the range of electro-magnetic radiation which is visible for human beings. Light also has a lot of characteristics that have a positive influence on the well-being and the health. Via special receptors in the retina of the eye it affects the pineal gland of the brain and by this controls the creation and release of the hormone melatonin. Not only moods or the drive, also the sleeping-waking-rhythm, the concentration and the productivity are influenced by this hormone.

For many years now physicians are using light therapy, f. ex. for the treatment of depressions and the eating disorders often connected to them. Other fields of application are also eating disorders, menstrual pains, clock change problems of shift workers or the sudden microsleep while driving.

But the BlueLight® mobile can not only be used for the light therapy. Thanks to its lightweight and flexible construction, everyone can easily use it to defend himself against fatigue, exhaustion, lack of concentration and general mood swings.

Variable and versatile



How does the new BlueLight® mobile work?

Acc. to the most recent medical findings of the Charité Hospital in Berlin only a confined frequency band in the blue spectral range is active at the suppression of melatonin release. By this evidence and thanks to modern technologies it is now possible to carry out light therapy with a mobile unit – the new BlueLight® mobile, a lamp that looks like oversized spectacles and works with special blue LED technology.

In the pleasant design of BlueLight® mobile the radiation unit, the controller, operating elements and also power supply are combined in a compact manner. While wearing the unit, the visual field of the user stays mostly free. The user therefore is not condemned to inactivity during the application, which takes an hour a day. He can read, work, look TV or simply relax during the treatment.

Thanks to the special design of the BlueLight® mobile spectacle wearers can also apply the unit comfortably.

Fields of application BlueLight® mobile

- Improvement of the general well-being
- Increase of productivity
- Seasonal affective disorder (SAD)
- Migraine
- Premenstrual syndrome (PMS)
- Eating disorders
- Clock-change problems of shift workers
- Jet lag problems
- Microsleep while driving
- Fatigue, lack of drive and listlessness
- Lack of concentration
- Mood swings



BlueLight® mobile

The new compact LED unit with blue spectral range

Technical data BlueLight® mobile

Controller

Integrated charge and discharge monitoring with safety cut-off feature

Microcontroller monitoring of time and intensity

Dimensions BlueLight® mobile

(WxLxD): 165x200x45 mm

Weight: ca. 55 g

Light source

Lamp type: Light emitting diode (LED)

Service life: ca. 20.000 hours

Spectrum: blue light, without ultra-violet (UV) and infra-red (IR)

Power-supply plug and rechargeable accumulator

USB-charger:
Type MODEL GM-050 100DC5V

Accumulator type:
Lithium-Polymer-Accumulator

Charge time: 2,5h for full charging

Capacity: sufficient for 4 to 6 applications

BlueLight® mobile blue

Art.-No. 820000

BlueLight® mobile grey

Art.-No. 830000



The scope of delivery contains the BlueLight® mobile, either in grey or blue, the USB-charger and the operation manual.

USB-charger



The unit and accessories are delivered in a shapely and robust metal box with special foam lining.

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