

Product Specifications

产品规格书

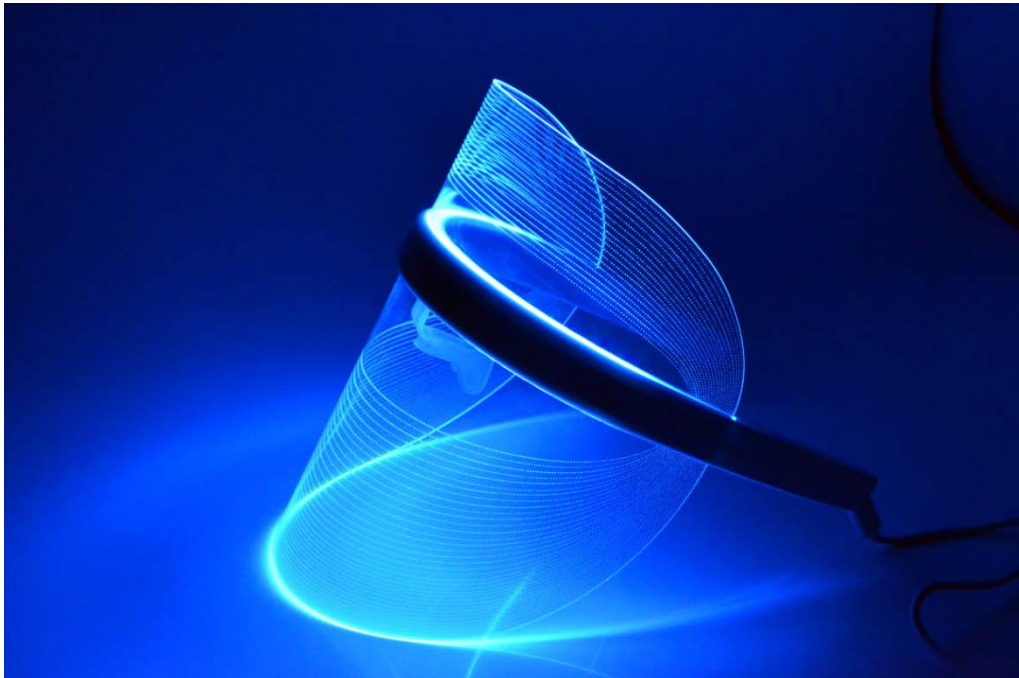
DESCRIPTION: LED-MASK-5V-350-200-B

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改订记录表

Record of modification

名称/ Description:

| 改订年月日 Modification date | 改订表示 Modification description | 改订内容 Modification Content | 实施日期 Operating date | 确认 Confirmation | | |
|----------------------------|----------------------------------|------------------------------|------------------------|-----------------------------|--------------|----------------|
| | | | | 初审 Primarily Approved by | 复审 Review | 完成 complete |
| | | 初版 First edition | | | | |
| 2014.12.02 | 2014.12.02 | | | | | |



General information

It happened over 100 years ago, when Niels Ryberg Finsen, Danish physician, started light therapy research. In 1903 he was awarded the Nobel Prize in Medicine for the treatment of skin tuberculosis with light. Since then, research in the field of light therapy progressed far forward, and the latest advances in this area are embodied in the creation of LED masks.

Light has the quantum wave nature, and properties of one or another part of the light spectrum are related with its color. Red light - is a light with a wavelength of 640 to 760 nm. It refers to the visible portion of the spectrum, and penetrates the skin to a depth of about 10 mm; Unlike the ultraviolet or laser light emission it has no damaging effect.

Photons of red light start and support skin revitalization processes: activate fibroblast activity, increase 1.5-2 times the growth of new skin cells, increase cellular uptake of water and oxygen, and improve metabolic processes. Significantly increasing the production of collagen and elastin helps to re-build collagen "skeleton" of the skin, making it young and beautiful. LED mask EDGEMASK® emits the optimal intensity red light at a wavelength of 650 nm and is used for facial rejuvenation.

Interesting facts

Collagen – is an amazing protein. Its molecules are woven into the intercellular space in the solid elastic "grid". This is the most common protein in the human body. It has share 6% of the total body weight, in which 40% - skin collagen. The skin of a person weighing 60 kg contains about 1.5 kg of collagen!

Collagen molecules were extracted from the remains of a Tyrannosaurus rex dinosaur. Thus, collagen "consumer properties" stood the test of time! For the synthesis of collagen your body needs iron, copper, vitamins C, B6 and PP and the essential amino acid lysine. You want to have elastic young skin - eat foods that contain these ingredients. Durum sorts of Cheese contain all the essential amino acids, including lysine, in substantial quantities.

Product Introduction

The LED mask, a product with the illumination of light source with special wavelength, can react with human's skin and activate cell renewal, so as to create collagen, enhance metabolism, and accelerate blood circulation.

Blue light can affect human's body hormones secretion, heart rate, alertness, sleeping quality, Body temperature and gene expression, blue wavelengths has the function of inhibiting melatonin. Blue light has stronger function of elevating body temperature, speeding up heart rate and reducing sleepiness. Blue light can inhibit the sleep-related δ brainwaves and increase the alertness-related α brainwaves significantly. This means that you can use as a short-wavelength blue light as the control measures of sleepiness.

Principle of Operation

LED Blue light can play a bactericidal and anti-inflammatory effect to improve the surface of human skin, has good effect on acne and brandy nose.

Blue light for removing acne is mainly by using the blue light illumination to kill the propionibacterium acnes which can cause



inflammation infection, so as to achieve the purpose of repairing the inflammation and removing acne.

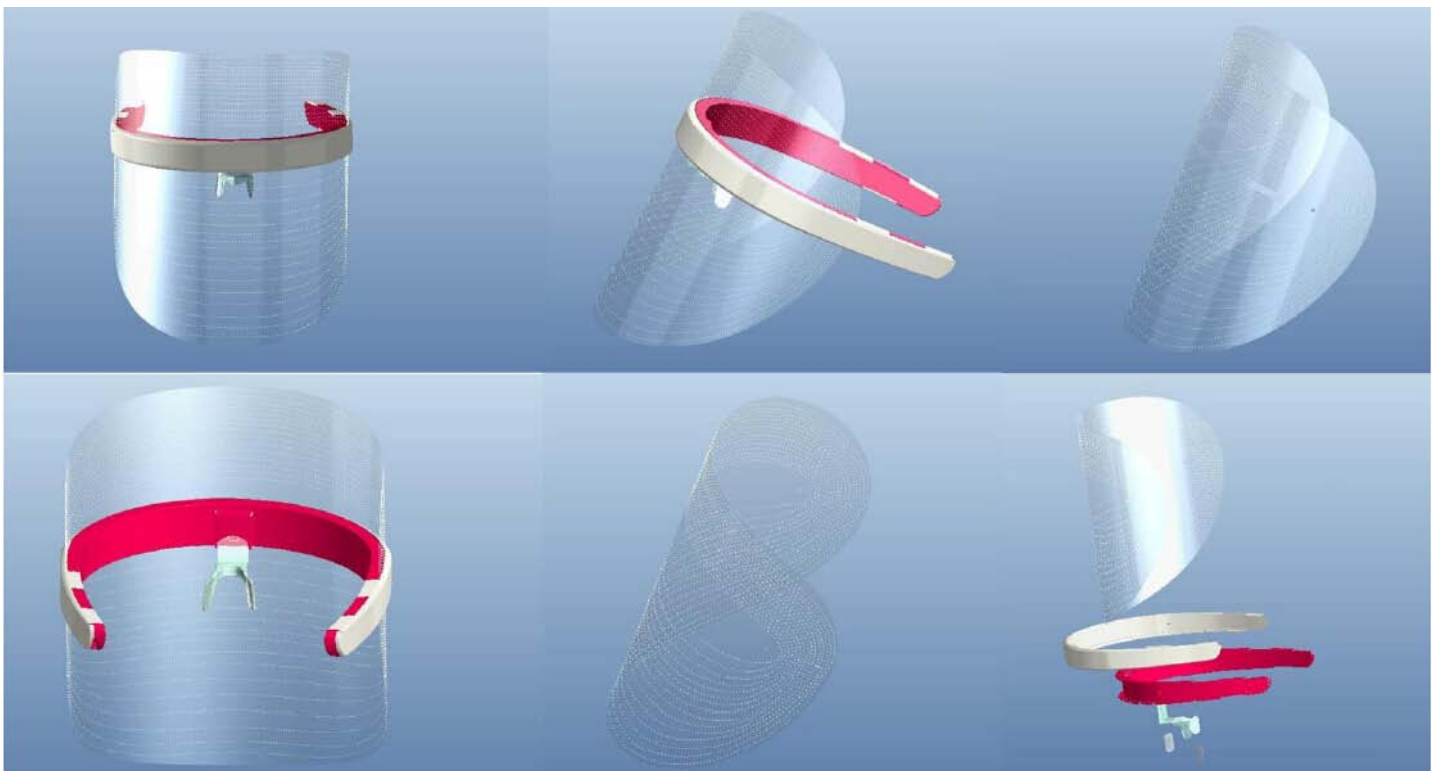
Blue light is the warm color, high purity blue light can match with the light absorption peak of blood vessels and stimulate the lymphatic and nervous systems simultaneously;

LED Blue light uses 592nm efficient emission wavelength, after special blue light illuminating the skin, it has the active function of speeding up blood circulation, activating cells and stimulating cell excitability; Moreover, it has the effect of promoting collagen synthesis, enhancing the skin's collagen and elastic fibers, tightening the skin and whitening skin.

Using LED mask, not only have no claustrophobic feeling, but also can transport large amount of LED blue light to human skin, it can make people feel very comfortable.

You can wear the LED mask only 25 minutes every day, LED blue light can improve your skin gradually.

Product Structure



Product Specifications

| No. | Item | Unit | Parameter range |
|-----|-----------------------|------|-----------------|
| 1 | Operating Temperature | °C | -20~50/30%~70% |
| 2 | Storage Temperature | °C | -20~50/30%~70% |
| 3 | Rated Voltage | V | DC5V±0.5V |
| 4 | Rated Current | MA | 880 |
| 5 | Power Consumption | W | 4.4 |
| 6 | Luminous Flux | LM | 270 |
| 7 | Wave length | nm | 650 |
| 8 | Illuminated area | cm | 20*35 |
| 9 | Power Bank Voltage | V | 5 |

Accessories

| | |
|---|---|
| Inside Frame: MASK-INSIDE FRAME-01 Size: 155*175*22mm |  |
| Inside Frame: MASK-OUTERFRAME-01 Size: 165*175*22mm |  |
| Nose Bracket MASK-NOSEBRACKET-01 Size: 127*40*33mm |  |
| Photoconductive: MASK-PHOTOCONDUCTIVEMASK-01 Size: 294*200*0.5mm |  |
| PCBUSB CONNECTOR: MASK-PCB-USB-CONNECTOR-01 Size: 32*12*22mm |  |



| | |
|--|--|
| <p>Data Wire: MASK-DATAWIRE-01 Size: 1200mm</p> | <p>Tel: +86-21-64412266 Fax: +86-21-64412266</p>  |
| <p>Power Bank: MASK-POWERBANK-01 Size: 95*25*22mm</p> |  |
| <p>Precious Cream: MASK-PRECIOUSCREAM-01 Size: 63*55mm</p> |  |
| <p>Packing Box: MASK-P-200*200*220-01 Size: 200*200*220mm</p> |  |
| <p>User's manual: MASK-SPECIFICATION-100*70(12P)-01 Size: 100*70mm</p> |  |
| <p>Wiping Cloth: MASK-WIPING CLOTH-150*150-01 Size: 150*150mm</p> |  |
| <p>Patch: MASK-PATCH-01 Size: 180*40mm</p> |  |



Product Function:

Blue Light (470nm)

It's mainly by using the blue light illumination to kill the propionibacterium acnes which can cause inflammation infection, so as to achieve the purpose of repairing the inflammation and removing acne.

Its mechanism of action is that, acne bacteria will produce a substance called porphyrin in the metabolic process, and this substance can just absorb a special wavelength of blue light and combined with it, and will cause the bacterial to death eventually.

* Antibacterial

Repair of acne damage and inhibition of wound bacteria.

* Remove

Reduce the chance of scarring caused by acne wounds

* Allergy

Reduce the skin inflammation

* Brilliance

Enhance skin brilliance.

* Health

Reduce drowsiness, increase work activity.

* Recuperation

Adjust the circadian clock (such as sleep disorders, jet lag, seasonal disorders, premenstrual syndrome, etc.)

Illuminated area: 20CM*35CM.

The results of EDGEMASK application

1. Increasing in the water content in the skin cells.

2. Breaking down Melanin.

3. Strengthening the capillary walls and improving blood microcirculation.

4. Activation of gas exchange in the skin cells.

5. Increased mitochondrial activity of the cells.

6. An increase in the synthesis of collagen and elastin.

7. The neutralization of free radicals. Red light also improves penetration of the skin care cosmetics into and thereby increases their effectiveness.

LED EDGEMASK® mask has a unique purity of the light, it is transparent, lightweight, easy to use, provides freedom of movement. EDGEMASK produced in compliance with international safety requirements and is certified in accordance with CE demands.





Application

1. Clean the skin from makeup and dirt.
2. Apply your skin care cosmetics.
3. Connect the mask to the power supply.
4. Put on the mask and relax
5. After 10-20 minutes, remove the mask.
6. Turn off the power.

Care and Storage

- keep the mask from mechanical damage.
- Regularly wipe the mask embedded tissue.
- Keep the device must ne awau from direct sunlight, out of reach of children.

EDGEMASK kit includes

1. LED (LED) light source.
2. Ultra-thin light guide matrix, with mounting system, covering the area of the face.
3. USB-charging cable, power supply.
4. The power supply 5V portable.
5. Skin moisturizer. *
6. Operating Instructions.
7. Napkin.

Recommendations for daily use

- Before using the mask read the instructions.
- Before use, consult with your beautician.
- Before the procedure, be sure to clean the surface of the skin.
- use no more than 2-3 times per day, depending on skin type and condition.
- The interval between treatments must be at least 4 hours.
- The duration of the procedure should not exceed than 10-20 minutes.
- Not recommended for adolescents and pregnant women.

Contraindications for use of EDGEMASK

- An absolute contraindication is a disease of tuberculosis. Specific activation of metabolic processes in the body in this case leads to the aggravation of the disease
- Phototoxic eye diseases (including often recurrent conjunctivitis).
- Skin diseases in which sensitivity of the skin is increased.
- Admission drugs (lamotrigine, extract of St. John's wort) and drugs that can cause photosensitivity of the skin to some patients. These include: tetracycline, digoxin, methotrexate, chloroquine, amiodaron, piroxicam, psoralen, furosemide,



demeclocycline, benoxaprofen, , haloperidol, doxycycline, thiazide diuretics, steroids and sulfonamides, antidepressants, tranquilizers, anti-malaria and oral antidiabetic drugs . Be sure to consult your physician about possible side effects.

- Pregnancy.
- Porphyria, epilepsy, hyperthyroidism.
- Photo allergic reactions.
- It is also desirable to use a mask during a migraine attack, even if it is docked.

Optical effect diagram

**采用纳米级的LED基因生物光
(LED genetic organism light)**

深入肌底
直达8MM

光照对于皮肤细胞的作用

- 温和去角质
除去老化角质层, 使肌肤感觉柔软及光滑
- 淡化黑色素
减少皮肤发炎后的色素沉淀, 重现肌肤亮丽白皙
- 活化皮肤细胞, 加速新陈代谢及相关修复功能
- 迅速消除因青春痘所引发的红肿发炎反应并使青春痘痊愈
- 具有杀菌作用
抑制痤疮杆菌, 预防青春痘产生
- 促进胶原蛋白生成, 具有保湿, 紧致的效果
- 使肌肤呈现水润丰盈的光彩
- 可调节油脂, 使皮脂腺分泌正常
- 可收缩毛孔、预防粉刺, 使肌肤不泛油光
- 天然抗氧化作用, 可以去掉自由基
- 可紧实肌肤, 淡化细纹, 预防老化, 保持肌肤弹性和亮丽

胶原蛋白增生

促进血液循环

增加活性

加速排毒



Power bank usage:

How to charge the power bank?

Power capacity check, press the button, if the light does not turn on, it indicates low battery and need to charge, if the light turns on during charging, it indicates that it can be continued to use.

The following methods are the charging mode for the power bank:

Method 1: connect to the computer.

Remove the power bank accessories cord, connecting the cord with the converter, and then insert the DC-IN interface of the power bank, and connect the other side with the computer.

During charging the light flashes, when fully charged, the light keeps lighting.

Method 2: USB Adaptor

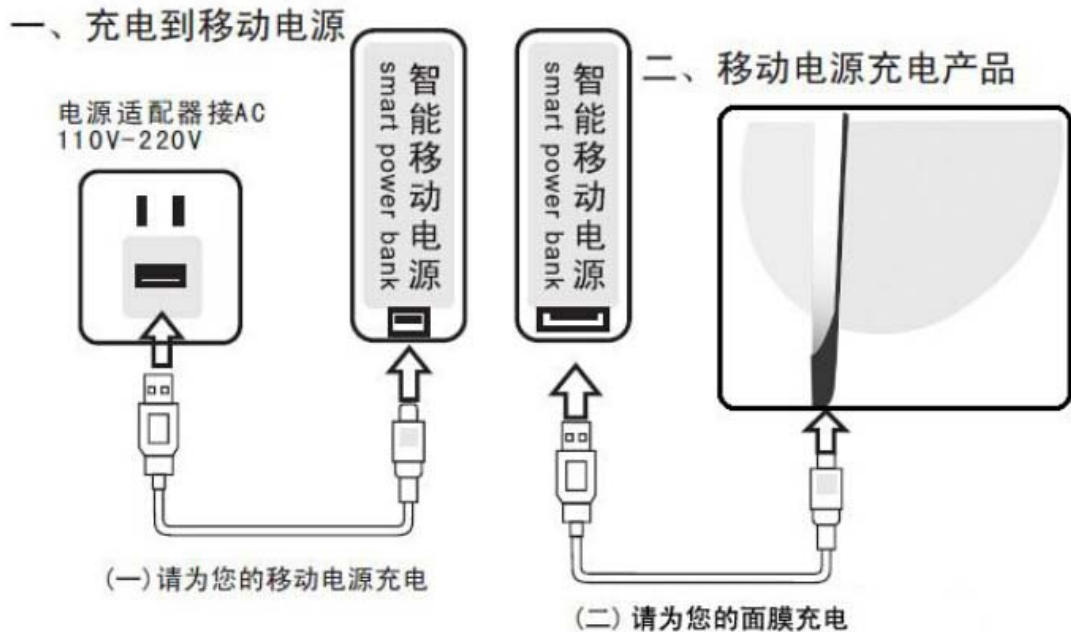
Remove the power bank accessories cord, connecting the cord with the converter, and then insert the DC-IN interface of the power bank, and connect the other side with the USB of the DC5V adaptor.

During charging the light flashes, when fully charged, the light keeps lighting.

Charge the power bank:

The power adaptor is connected to AC 110V-220V

Please charge your power bank





Trouble shooting:

| Problems | Possible reasons |
|---------------------------|---------------------------------|
| Mask light does not light | The power bank with low battery |
| | Interface is not connected |
| | Power cord is bad |

Our product compares with traditional mask, the advantages include:

1. LED mask is with the photon therapy, natural, harmless to human body.
2. Traditional mask is with variety of kinds, difficult to identify true or false.
3. LED mask can be used repeatedly; the effective use of time is more than 100,000 hours.
4. Traditional mask can only be used only once, LED mask can achieve the purpose that one person buy and the whole family use.
5. LED mask can penetrate into the skin through nano-size photonic, activate cell power source, five times to activate collagen regeneration, accelerate the speed of the skin metabolism, skin aging, wrinkles and fine lines, acne, pigmentation and other skin problems can be solved effectively.
6. Non-toxic material detected by the authoritative international certification body, safe and no harmful substances.
7. Portable and easy to use, you can enjoy photo rejuvenation therapy any time everyday when you have space time.



Mask the use case:

