

# SHB645

## LED LIGHT



SHB645 is a multi-functional high-brightness LED light irradiator composed of 1632 medical SLDs. The 4 substrates are equipped with 5 wavelengths such as blue, green, yellow, red, and IR (infrared). Adjustable height, left and right angles, the chassis is equipped with pulleys for easy movement. Widely used in dermatology, skin management center and plastic surgery hospitals. Commonly used for the management of postoperative bruises, swelling, regeneration, scalp and body obesity.



Blue(450-475nm)



Green(515-535nm)



Yellow(586-594nm)



Red(618-635nm)



IR(835-850nm)



Fan

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just science

# FILLOSHINE SHB645 LED LIGHT

FILLOSHINE SHB645 LED LIGHT is equipped with 1632 SLDs (medical LEDs), which have higher power and energy than ordinary LEDs and have more light sources, which is conducive to gathering energy. It also has the functions of cooling down by Cold-air, adjustable time, and adjustable brightness. It can be used on various parts of the face, body, scalp, etc. with suitable products and procedures. It works effectively on anti-inflammatory, minimizes skin irritations, enhances skin regeneration, prevents and reduces acne.

Photodynamic Therapy (PDT) is to apply a photosensitizer that reacts with light and is selectively absorbed by the epidermis and sebaceous glands to the local skin, and uses the photosensitive oxidation reaction produced by irradiation of specific wavelengths of light for treatment. It is mainly used to treat the epidermis Cancer, facial sores, folliculitis, acne, etc.

The Methyl ALA component contained in the photosensitizer FILLOSHINE ALA SPOT AC SOLUTION is oil-soluble and will dissolve in the sebaceous glands over time after application. Apply photosensitizer to the acne-prone areas and apply a special light-blocking mask to promote the penetration of the photosensitizer into the sebaceous glands. After 20 minutes, wipe off the remaining photosensitizer on the skin surface. The CW mode of the FILLOSHINE SHB645 LED LIGHT, which emits ultraviolet, visible light, and infrared rays, is used to simultaneously illuminate 5 kinds of light with different functions to maximize the effect of the treatment and reduce side effects such as darkening. The irradiated light acts on the photosensitizer absorbed by the skin to produce a photosensitivity reaction, and the principle is used to improve acne.

ALA photodynamic therapy is a certified treatment method which is not only widely used to treat acne, but also used to treat seborrheic keratosis, skin cancer, etc. The most important thing in the therapy is the light and irradiation time of the LED and according to the brightness to achieve the effect of penetrating the sebaceous glands. Set a treatment cycle for 4 to 8 sessions, which can reduce and prevent acne, brighten skin tone and other effects.

FILLOSHINE's SHB645 LED LIGHT is recommended to be used with ALA SPOT AC SOLUTION and AC KIT PRO (acne skin, oily skin, combination skin) products to achieve the most effective effect of improving acne skin condition.



SHB645 LED LIGHT



0.5ml \* 10ea (Included special mask 10pcs)

## Description

### Wavelengths

Blue light (450~475nm) | Sterilizes and eliminates acne, improves keratosis

Green light (515~535nm) | Increase elasticity and improve skin tone

Yellow light (586~594nm) | Improve vascular disease, pigmentation, postoperative redness, swelling and bruising

Red light (618~635nm) | Soothes & regenerates, improves wrinkles and pigmentation, prevents aging

IR (835~850nm) | Anti-inflammatory, repair, relieve pain and improve cellulite

### Treatment procedure recommendation

Repair and regeneration management

(After IPL, laser, exfoliation, etc.)

► CW mode: yellow light + red light + IR → 10~20 minutes / brightness 50

Acne & PDT management ACNE & PDT management

► RW mode: green light + blue light + yellow light + red light + IR

→ 20 minutes / brightness 99 Management after exfoliation and MTS

► RW mode: green light + blue light + yellow light + red light + IR

→ 15 minutes / brightness 50

### Mode

CW | The selected light of wavelengths is irradiated at the same time within the set time.

RW | The selected light is circulated within the set time

(Blue-5s / Green-5s / Yellow-5s / Red-5s / IR-5s)

TIMER | Display operation time (0~99 minutes)

WIND |

\* FAN: The fan operates continuously (cold air cools down)

\* AUTO: The fan star-up and shut down repeatedly (automatic control time gap)

BRIGHT | Only the red light brightness is adjustable (0~99), the average is 50

## Technical Specifications

### Category

Blue(450~475nm) / Green(515~535nm) /

Yellow(586~594nm) / Red(618~635nm) / IR(835~850nm)

Mode CW, RW

Cold Wind Mode Wind, Auto

Brightness Settings 0~99 (Red)

Time Settings 0~99 mins

Dimensions 38 x 97~129 x 51 (mm)

Weight 12.7kg



Blue(450-475nm)



Green(515-535nm)



Yellow(586-594nm)



Red(618-635nm)



IR(835-850nm)



Fan