



## **Skin regeneration**

### **Collagen light therapy by Original Hanau**

Every day, our skin is exposed to many different environmental influences. One reason that accelerates aging. In addition, the skin loses flexibility and ability to regenerate during lifetime - wrinkles occur!

Natural skin renewal processes, particularly in the case of injury, ensure regeneration of the skin. In this process old skin structures are degraded to stimulate cell regeneration.

Collagen, a very inelastic structure protein in our skin ensure skin stability. Special cells, such as fibroblasts, stimulate the process of skin regeneration. This increases the formation of collagen - the skin becomes more elastic.

Special „red“ light can penetrate more deeply into the skin, because of its spectral properties, where also are collagen and other elastic fibers.

Blood flow and metabolism are stimulated and regeneration is speeding up. HN Sunlight collagen tubes emit modulated red light in the wavelength range of 590 - 640nm. So, they provide exactly the „red“ radiation that stimulates the collagen and advance skin regeneration.



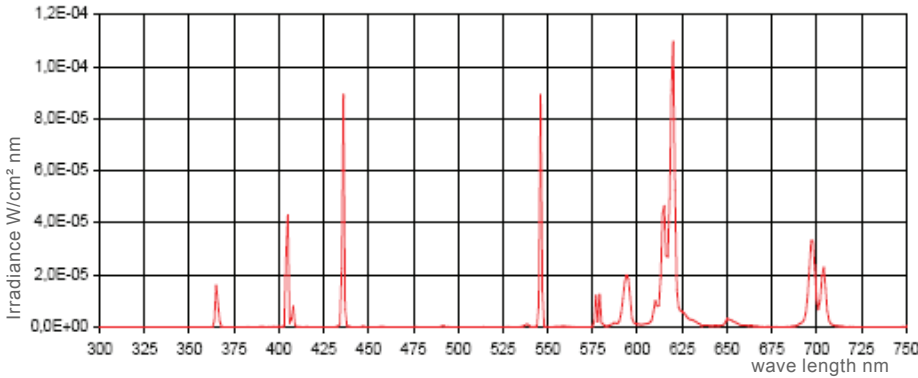
# Skin regeneration red light for wrinkles

Collagen tubes by Original Hanau operate in the wave-length range 590 - 640 nm. This particular red light and the subsequent infrared region have the effective light radiation to reach the collagen layer in the skin.

Collagen and elastin are located in the dermis at a skin depth between 0,3mm and 3,5mm.

Infrared radiation is used in cosmetic applications but also with health problems.

Studies show the salutary and beneficial changes in skin appearance with the use of red light.



Range of Original Hanau  
Collagen tubes

# Skin regeneration Collageproducts

Collagentubes and -lamps by Original Hanau for the alternative sunbed

type	partNr	wattage (W)	length (mm)
OH C Collagen Slim 25	80040778	25	520
OH C Collagen 100 R	80040777	100	1760
OH C Collagen 160 R	80040775	160	1760
OH C Collagen 180 R	80040774	180	2000

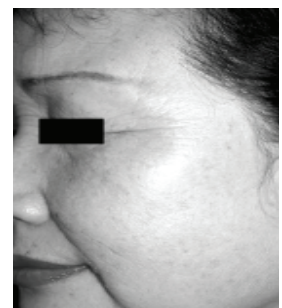
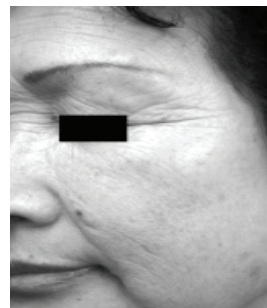
type	IdentNr	wattage (W)
OH C Collagen 30/50 E	80040791	300 - 500
OH C Collagen 30/50 S	80040800	300 - 500

# Skin regeneration application

The initial time should be twice a week and between 15 and 20 minutes depending on the performance of the tubes. The recommended duration of the treatment should be for a minimum period of 8-10 weeks.

The improved cell regeneration, skin appears more advantageous, such as dark eye rings are reduced.

Subjects reported that the skin is smoothed by stimulation with „red“ light and also looks more fresh.



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