

ESTHELUX

Product Information





LLLT (Low Level Laser Therapy)

ESTHELUX's low-level laser therapy is an LED-based phototherapy that attracts attention for its new skin care



ESTHELUX Pro

Type	Skin Care Device(Phototherapy Device)	
Dimension[W*L*H]	630*500*860mm	
Weight	17.5 kg	
Wavelength	Blue-420nm / RED-635nm / IR-830nm	
Number of SLD's	1,296ea	
Intensity(Max)	Blue(420nm)	16.9mw/cm ²
	Red(635nm)	18mw/cm ²
	IR(830nm)	25.8mw/cm ²
	Blue + IR	25.1mw/cm ²
	Blue + Red	41.2mw/cm ²
	Red + IR	33.9mw/cm ²

ESTHELUX Basic

Type	Skin Care Device(Phototherapy Device)	
Dimension[W*L*H]	510 * 190 * 720mm - Stand box 450 * 440 * 360mm - Esthelux box	
Weight	Stand box - 9.2kg / Esthelux box - 5.5kg	
Wavelength	Blue-420nm / RED-635nm / IR-830nm	
Number of SLD's	1,296ea	
Intensity(Max)	Blue(420nm)	16.9mw/cm ²
	Red(635nm)	18mw/cm ²
	IR(830nm)	25.8mw/cm ²
	Blue + IR	25.1mw/cm ²
	Blue + Red	41.2mw/cm ²
	Red + IR	33.9mw/cm ²

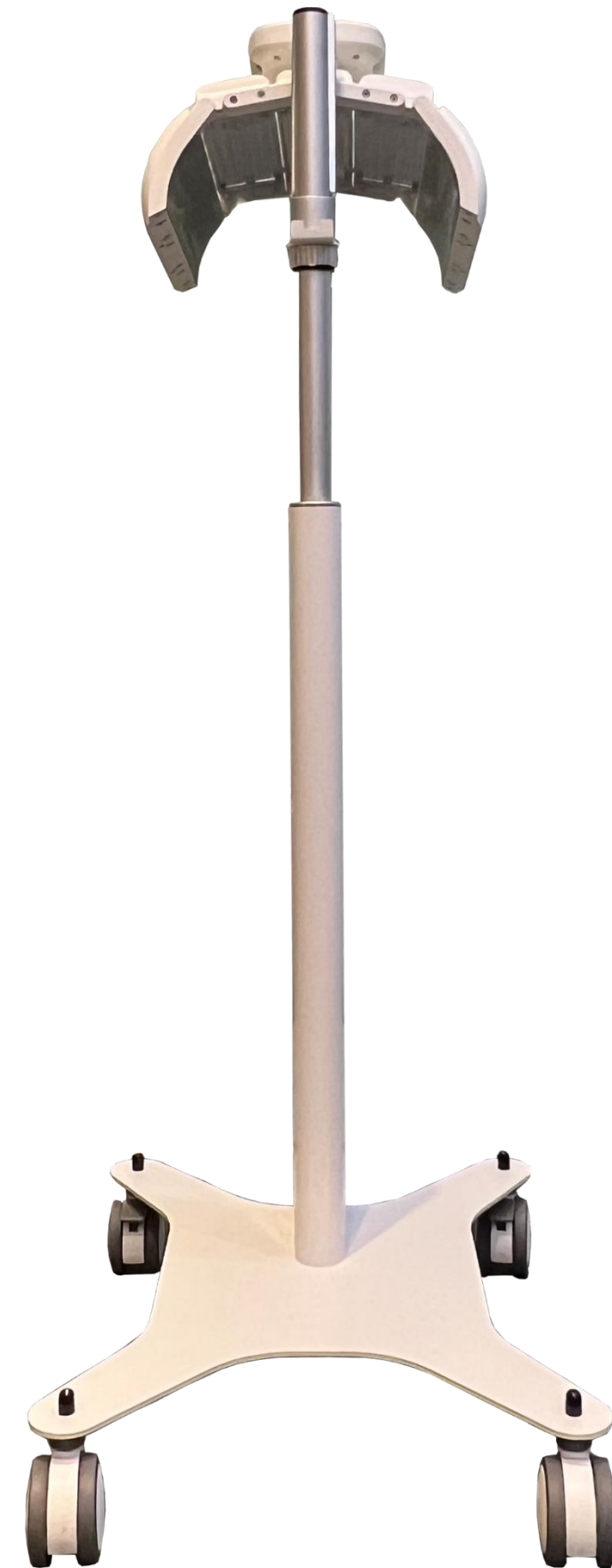
ESTHELUX Lite

Type	Skin Care Device(Phototherapy Device)	
Dimension[W*L*H]	450 * 440 * 360mm	
Weight	5.5kg	
Wavelength	Blue-420nm / RED-635nm / IR-830nm	
Number of SLD's	1,296ea	
Intensity(Max)	Blue(420nm)	16.9mw/cm ²
	Red(635nm)	18mw/cm ²
	IR(830nm)	25.8mw/cm ²
	Blue + IR	25.1mw/cm ²
	Blue + Red	41.2mw/cm ²
	Red + IR	33.9mw/cm ²

Front View



rear View



Head - up



Head- down



Front View



rear View



Left Side View

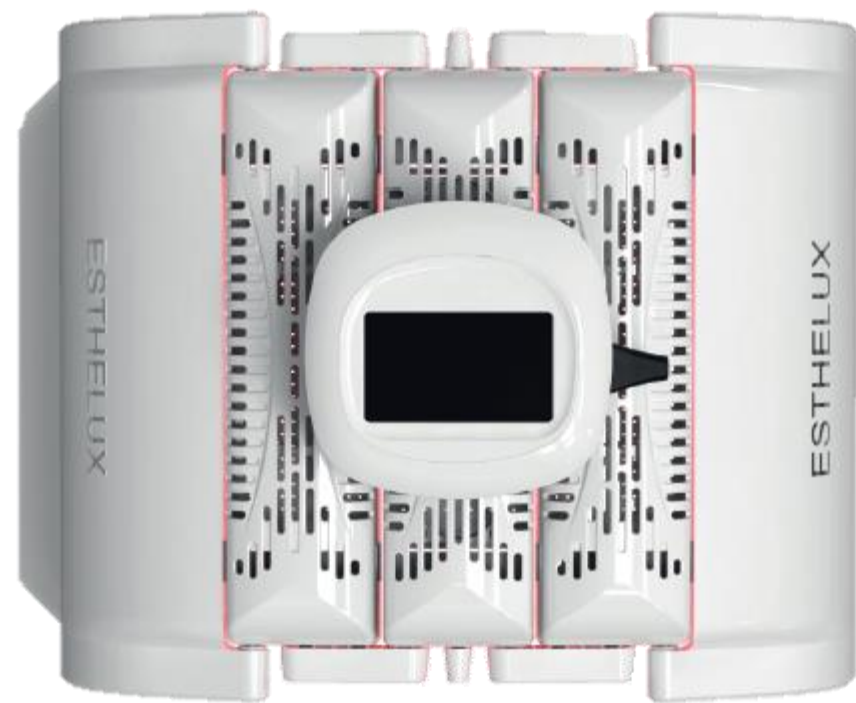


Right Side View



ESTHELUX Lite

Top View



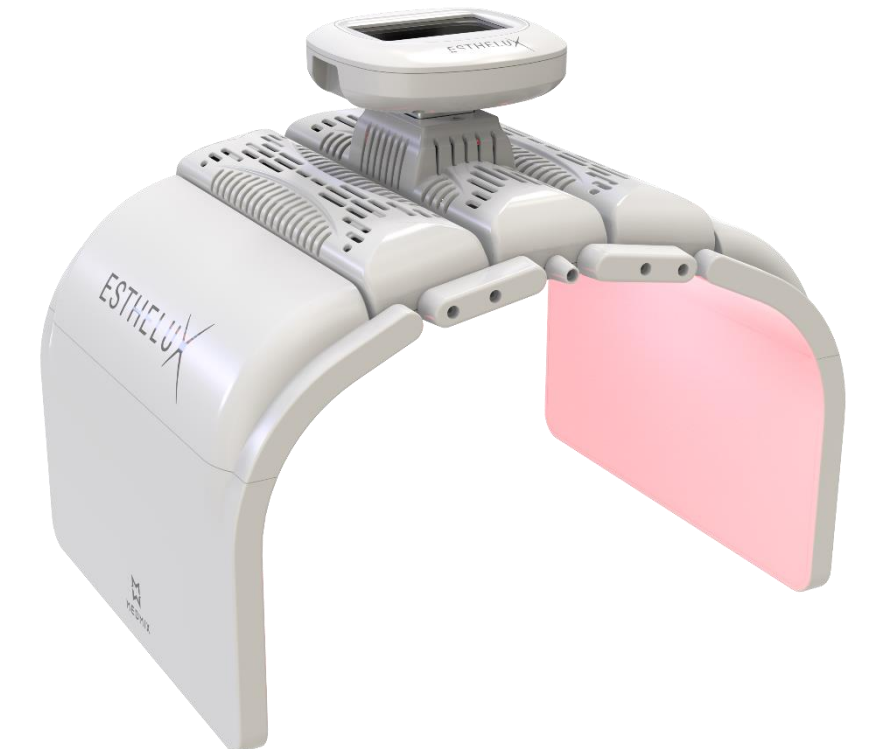
Front View



Side View



Right Side View



1,296 Skin Care SLDs,
Change the standard of LED therapy.



A white, handheld LED therapy device with a digital display and ventilation slots. The brand name 'ESTHELUX' is printed on the side.

**More effective therapy with
three powerful wavelengths**

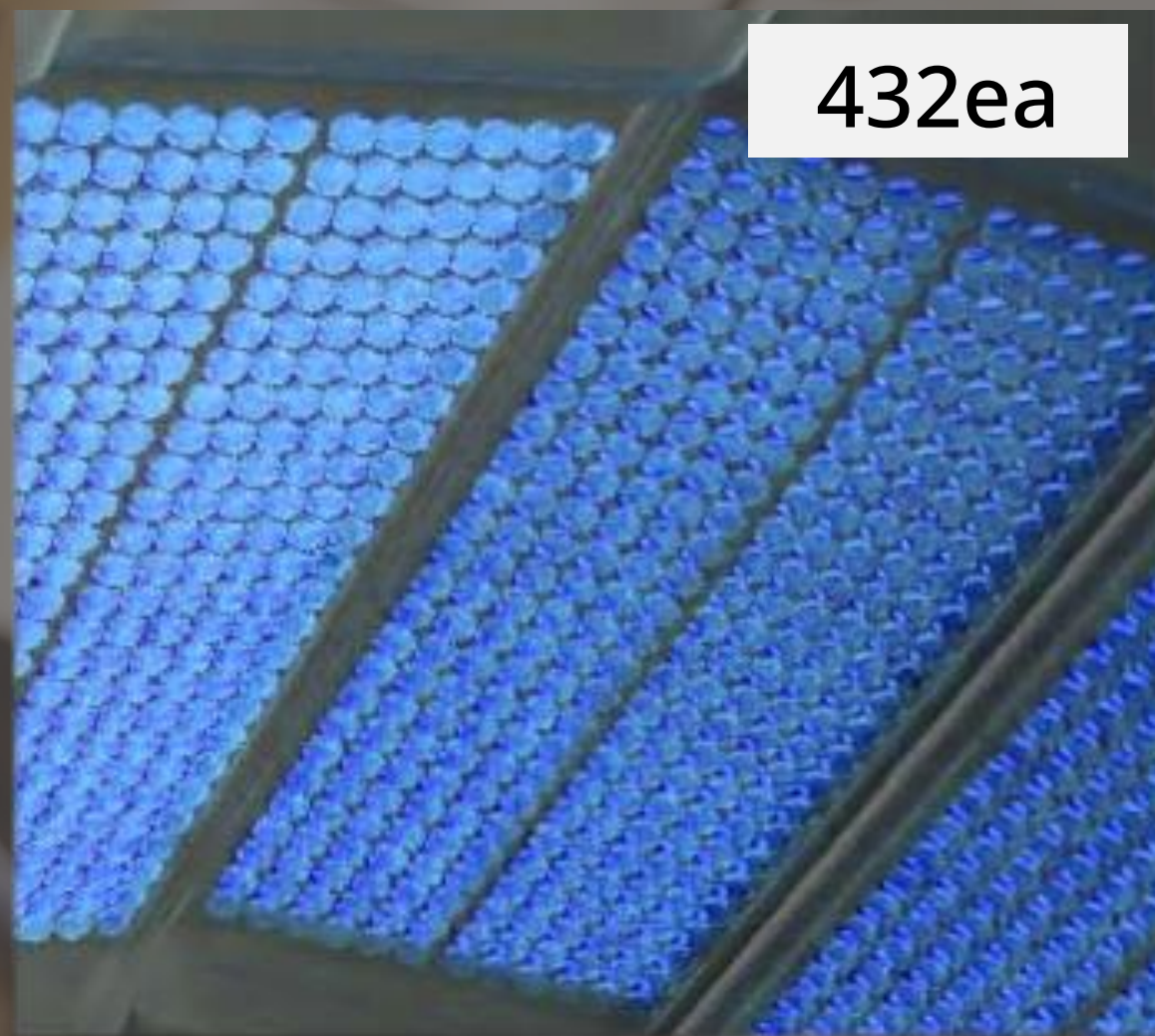
● Blue (420nm)

● Red (635nm)

● IR (830nm)

Sterilization

432ea



BLUE 420nm

Acne
Skin Trouble

Cell Reproduction

432ea



RED 635nm

Scalp&Hair Care
Skin Regeneration
Skin Brightening

Reduction of Inflammation

432ea



IR 830nm

Inflammation Relief
Pain Relief
Relief of flush(with 635nm)



KDRI-2020-154

Assessment of Dead-skin Reducing Effect

10. 시험 방법

가. 시험시료 적용 방법

연구 대상자가 인면부에 얼음 1회 도포 후 기기 RED모드로 15분동안 사용

나. 사용장비

1) Corneofix F20 (Courage &Khazaka, Germany)

Corneofix는 접착력이 있는 투명한 호일의 형태로, 피부표면의 각질을 제거할 때 이용된다.

2) Visioscan VC98 (Courage &Khazaka, Germany)

Visioscan VC98은 자외선 A 광원과 고해상도 비디오 센서집이 장착된 피부 표면 분석기기로서 작고 작동하기 쉽게 설계된 플라스틱 케이스로 구성 되어있다. 반대편에 배열된 두 개의 특수 할로겐 빛이 피부를 균일하게 비추며 빛의 스펙트럼을 이용하여 표면의 난반사를 줄여 정직한 이미지 분석을 가능하게 한다. 측정 영역은 6 X 8mm 이며 이미지는 내장된 CCD카메라로 촬영하고 PC연결을 통해 픽셀 단위의 측정 이미지를 나타낸다. 8자원 이미지분석과 함께 skin smoothness (SEsm), Skin roughness (SEr), Scaliness (SEsc), Wrinkles (SEw) 등의 측정치를 제공한다. Corneofix F20, Sebuxif F16 등과 함께 사용하면 각질과 유분 측정도 가능하다.

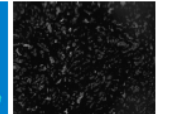
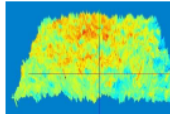
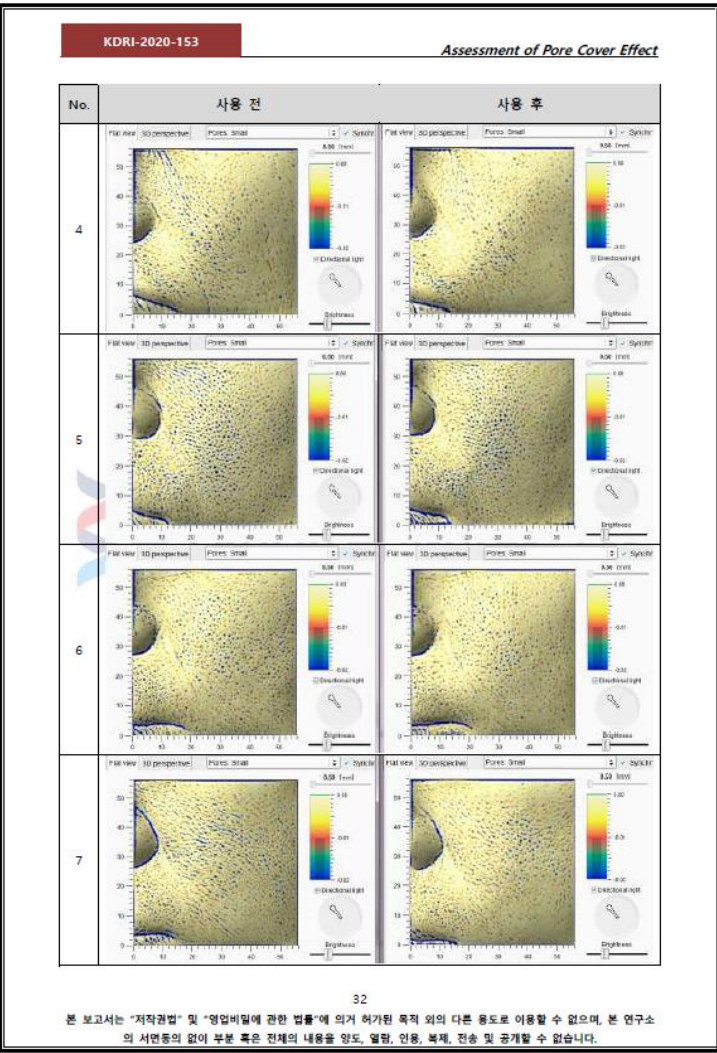
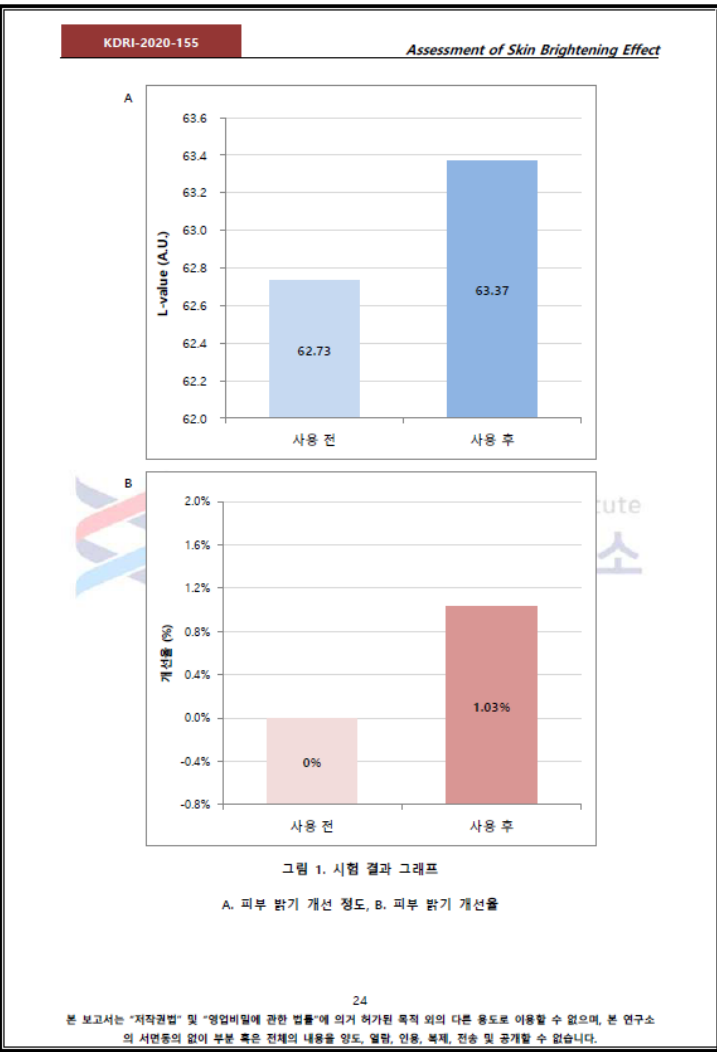


그림 1. (좌측부터) Visioscan 측정 장비 및 피부결 이미지, 각질 이미지

본 보고서는 "차적관법" 및 "영양비밀에 관한 법률"에 의거 허가된 측정 결과의 다른 용도로 이용할 수 없으며, 본 연구소의 사전동의 없이 부분 혹은 전체의 내용을 양도, 열람, 인용, 복제, 전송 및 공개할 수 없습니다.

17

구분	시험 전	시험 2주 후	시험 4주 후
시험 부위			
대조 부위			
시행 부위			
대조 부위			



Test application of Korea Dermatology Research Institute

- Improving the Elasticity of thighs ▲ 11.14%
- Skin density ▲ 38.41%
- Amount of moisture in the skin ▲ 16.74%
- Elasticity of the epidermis ▲ 9.16%
- Swelling of the calves ▼ 15%
- Elasticity of the dermis in the abdominal region ▲ 10.77%
- Elasticity of the epidermis around the neck ▲ 7.13%
- Skin brightness ▲ 1.03%
- Dead skin cells of the skin ▼ 27.62%
- Pore area ▼ 17.21%

A total of 10 clinical data proved its effectiveness



ALL-In-One care from Hair to Foot

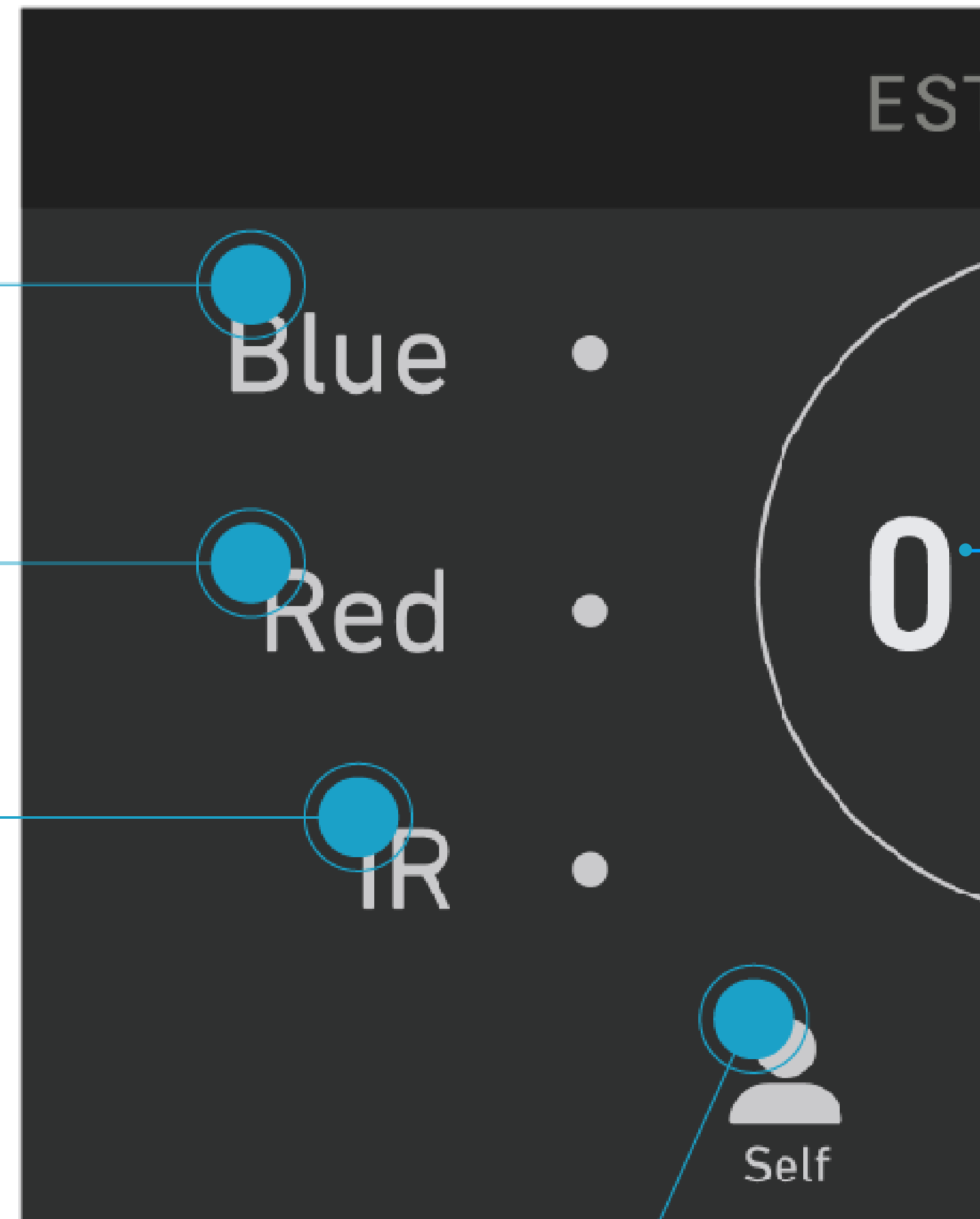
Application

Scalp/Hair/Face/Chest/Abdomen/hand/thigh/calf/foot

Press the button when using **Blue wavelength (420nm)**

Press the button when using **Red wavelength (635nm)**

Press the button when using **IR wavelength (830nm)**



Press the button and raise and put the product down at approximately 45 degrees. it will activate itself after about 5 seconds.



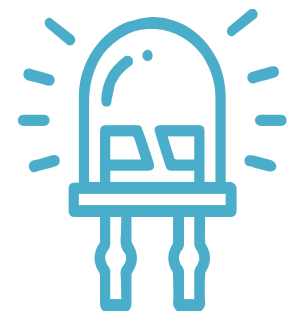
press the button when **increasing caring time**

This button is for **adjusting brightness**. When you click this button , you can adjust the brightness from **level 1 to level 5**, and level five is maximum brightness

Press the button when **reducing caring time**

It goes back to initial screen after finishing all.

This button is for activating product.
When you click this button while using, its turns to pause state



Skin Care LED



All-in-one Care



SELF MODE

Skin Care LED

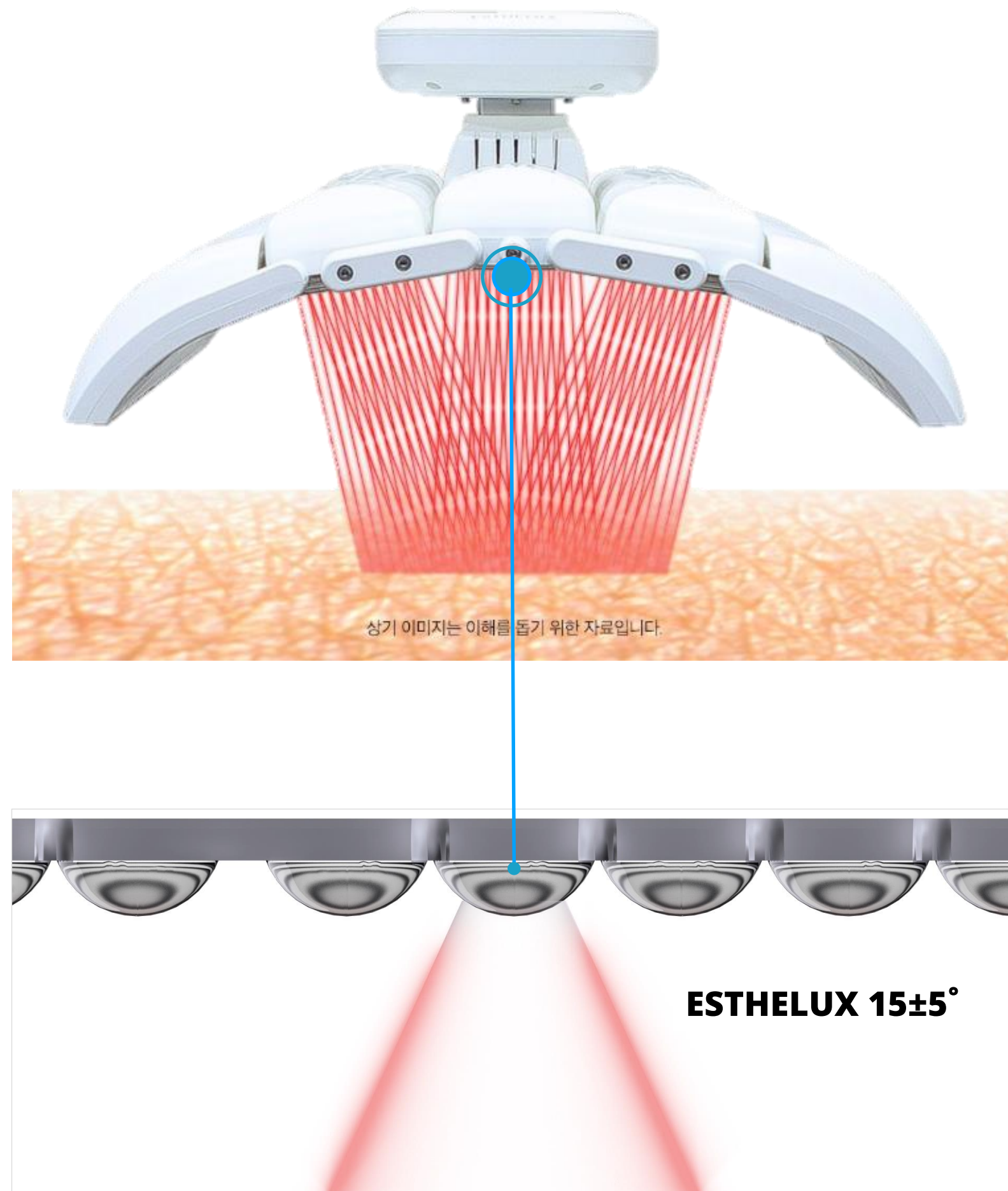
Completion of differentiated MEDMIX's LED technology. SLD!

All-in-one Care

All-in-one care from facial care to body care

SELF MODE

Use manual mode in aesthetic shop , Use self mode in home



deeper and stronger penetration
Using special lenses to achieve a more
dense divergence angle

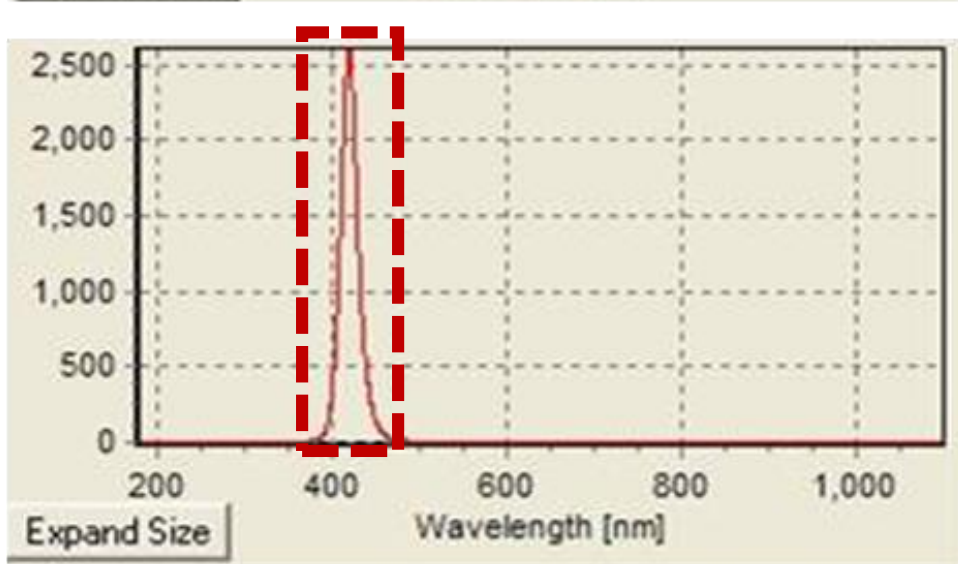
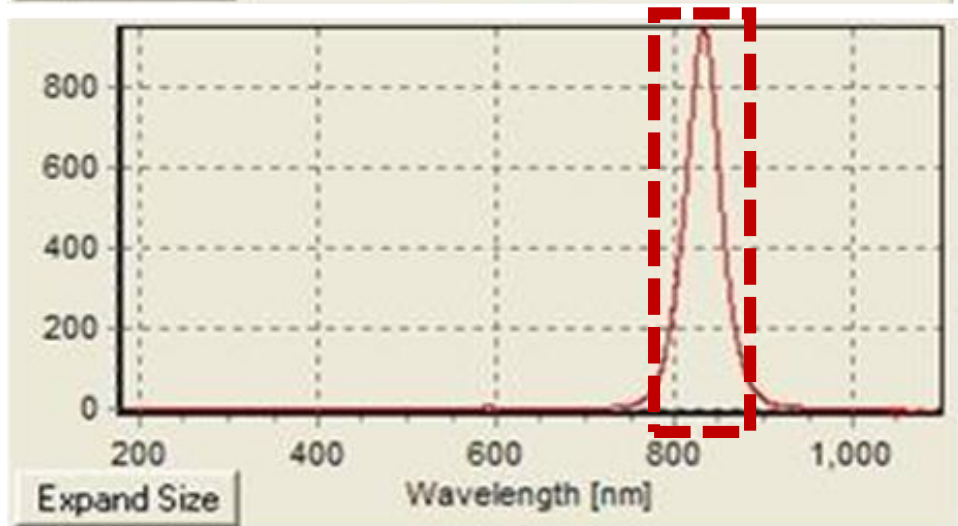
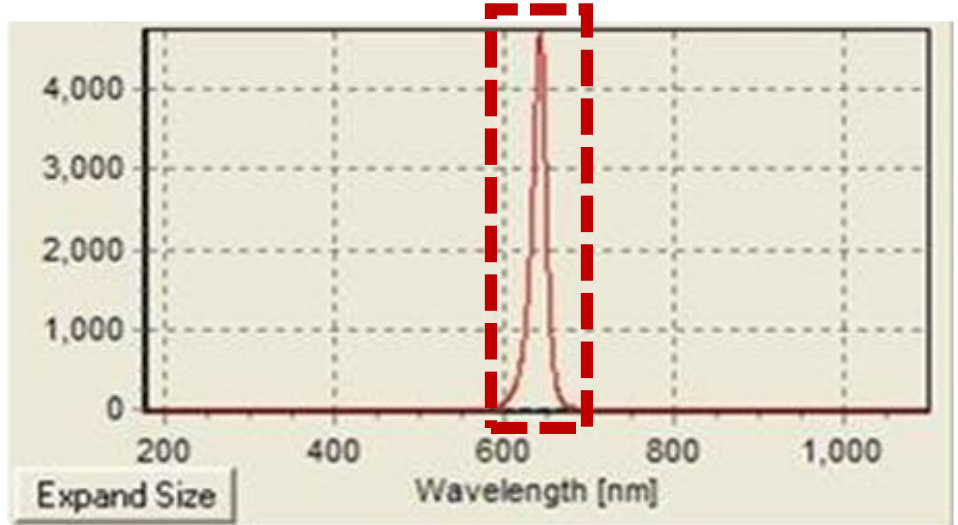
LED light that penetrates the dermis by
adjusting divergence angle to within 15+-5 degrees

RED
635nm

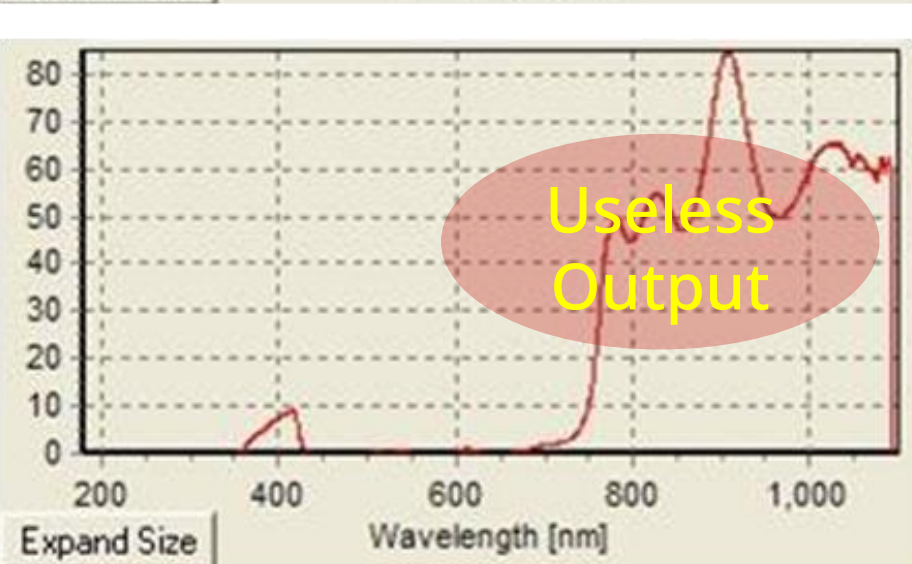
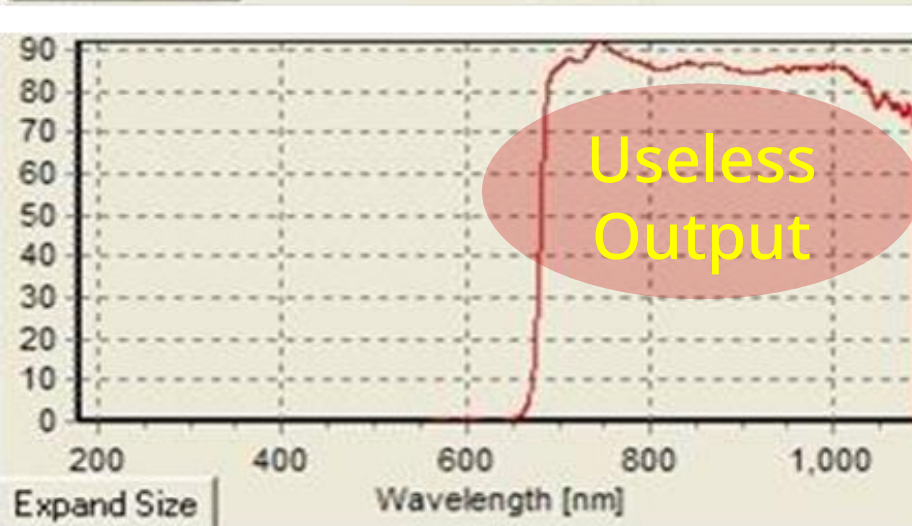
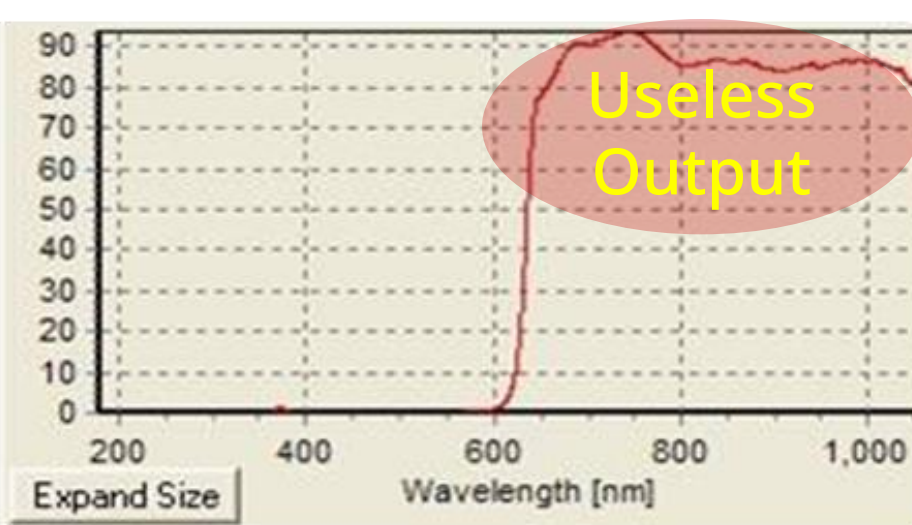
IR
Infrared
830nm

BLUE
420nm

ESTHELUX



Low Quality Device



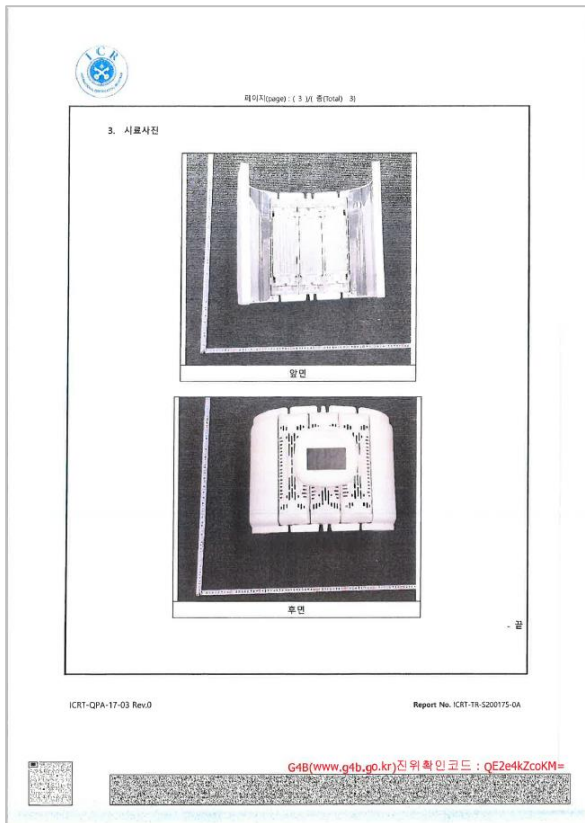
More reliably, more accurately,
the most reliable LED output

It has been verified by a public institution
through numerous studies and output tests

시험 성적서
TEST REPORT

발행처/번호	ICRT-17-03-2020175-0A
신청자/Client	주식회사 아이씨알 대표이사
주 소/주소	인천광역시 연수구 송도대로 301 101-70707(송도동)
시험대상물품	LED 칩
시험방법	Electrode
평가	AC 220V 50Hz
시험장소	주식회사 아이씨알 대표이사
시험일자	2020. 04. 20.
시험방법/시험	시험대상물품
시험결과	시험대상물품
확인	주식회사 아이씨알 대표이사
확인	주식회사 아이씨알 대표이사

2020. 04. 20.
주식회사 아이씨알 대표이사

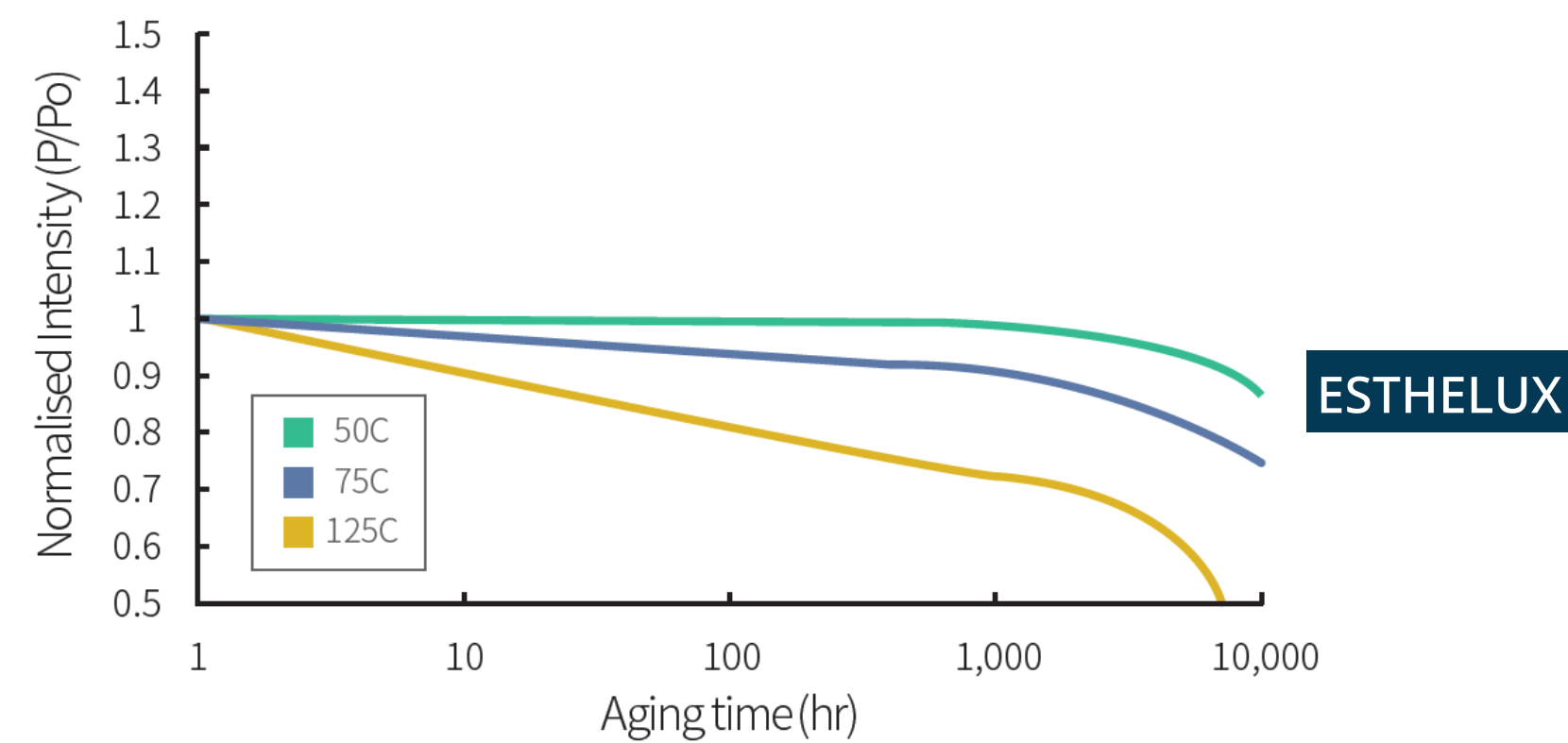


Testing : ICR



Six cooling fans system
 Maintain output and product lifetime
 by adjusting temperature

[Variation of energy value depending on the temperature]



LED are heat sensitive materials and
 require proper temperature control

All-in-one LED Care of ESTHELUX



[Face]

Regenerate skin and improve elasticity

Red(635nm) + IR(830nm)
Level : 5
time : 25-30min(1day)



[Face]

[Skin trouble care]

Blue(420nm)
Level : 5
Time : Maximum 5min(1day)



[Neck]

[Improves wrinkle and elasticity]

Red(635nm) + IR(830nm)
Level : 5
Time : 15-20min(1day)



[Scalp]

[Improving scalp and hair health]

Red(635nm) + IR(830nm)
Level : 5
Time : 25-30min(1day)



[abdomen]

Increase in elasticity

Red(635nm) + IR(830nm)
Level : 5
Time : 30min(1day)



[Hand]

Improves wrinkles and blood circulation

Red(635nm) + IR(830nm)
Level : 5
Time : 15-20min(1day)



[Thigh/Calf]

Reduce edema and increase elasticity

Red(635nm) + IR(830nm)
Level : 5
Time : 20-25min(1day)



[Foot]

Reducing edema and
improving blood circulation

Red(635nm) + IR(830nm)
Level : 5
Time : 15-20min(1day)



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