



Planar LED mate

Innovative & Powerful

Planar LED personal hair removal beauty device

Super high energy,
3 times' shooting speed,
fast and effective hair removal

Full cooling protection,
safe and comfortable

Long-lasting chip services,
lifelong mate

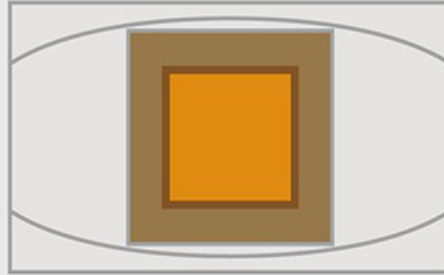
Planar LED Mate - World's first Personal LED hair Removal Beauty Device

LeafLife innovates Planar LED for at-home hair removal. With unlimited flashes, ultra-high energy, and 360° annular ice Cooling, it can painlessly remove hair evenly and prevent regrowth, for smooth, beautiful skin that lasts.

1. World's first LED hair Removal Device, professional medical-grade technologies;
2. Up to 100 million flashes lifelong, enough to share with your family and friends;
3. 360° annular Cooling & Painless, full-body permanent hair removal for women & men;
4. Ultra-high real energy 25J/cm², comparable to professional IPL laser hair removal machine, perfect hair reduction result;
5. BSI Medical 13485 quality control, LeafLife's unique full contact sensor detect technology, safe at-home light hair removal

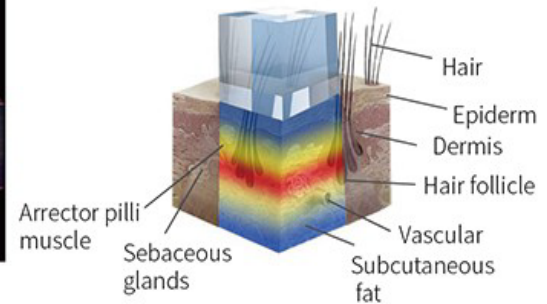
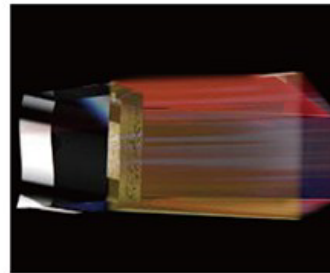
What is Planar LED for hair removal (Planar LED mate)?

Use high-power super-emitting LED (Planar LED) single imported chip with 780-850nm wavelength as a light source, crystal guide pyramid shaping and transmission of NIR beam, act on the subcutaneous, melanin in hair follicle absorb heat, to achieve hair removal effect.



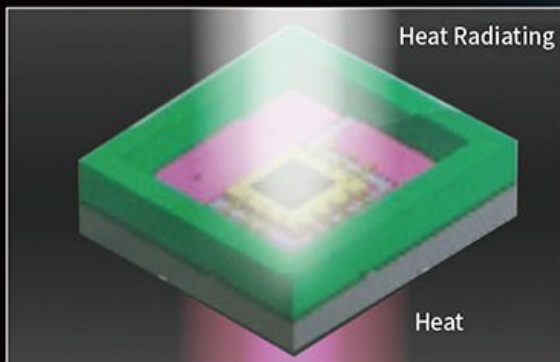
LED technical character:

The lamp bead is a surface lighting source and area, and the emitted light spreads out into a uniform rectangular spot, which is gentle and comfortable. The divergence angle is as small as 15° and the divergence angle in all directions is the same, which is conducive to penetrating the deep layer of the skin and reaching the deep layer of hair follicles for better hair removal effect.



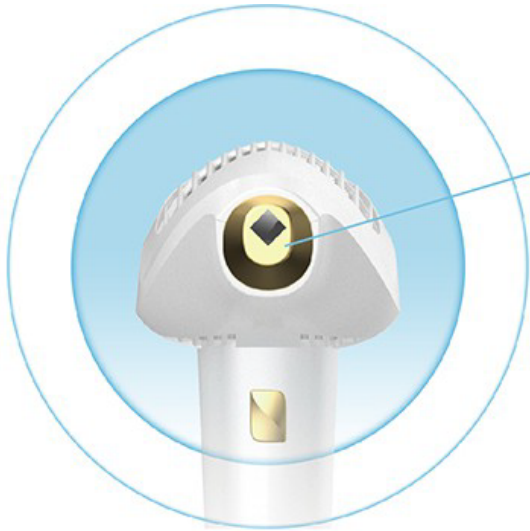
Scientific heat dissipation design of LED chip

Heat flux density is very low, and the heat flow is in vertical conduction, the path length is only 100um, significantly reducing the thermal resistance.



Overall super-strong and fast heat dissipation design

Continuous high-energy lighting, the device still keeps low temperature.



360° annular cooling, surrounded by ice feeling, synchronized HR and cooling on skin.

While removing hair with strong light energy, it relieves the hot feeling of epidermal skin, more safe and comfortable.

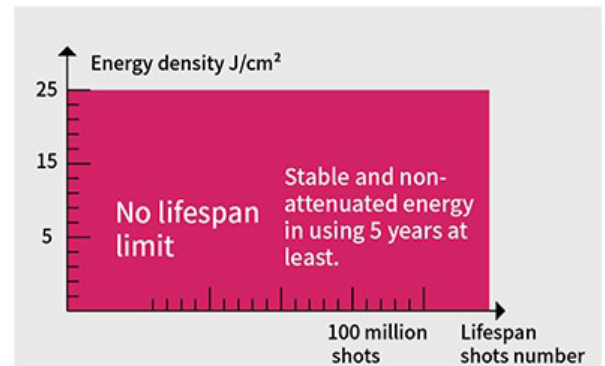
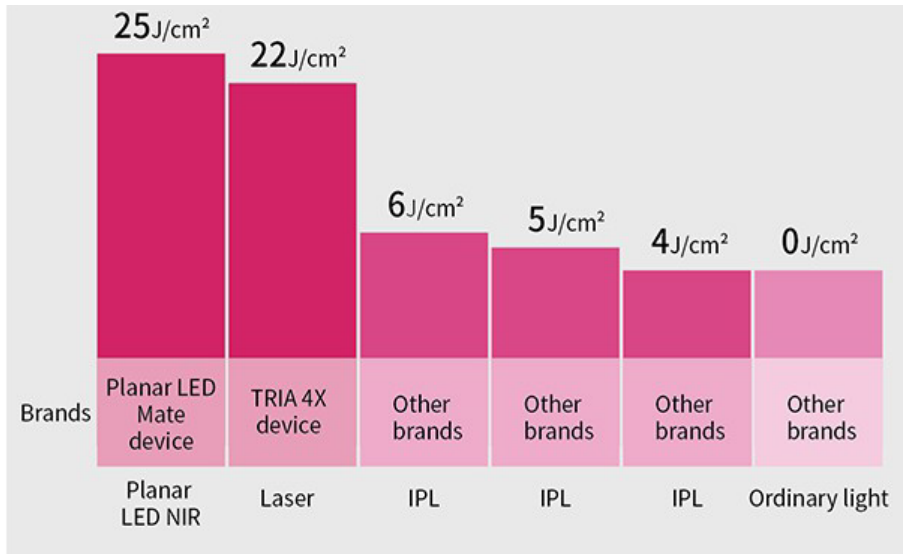
It shrinks pores and makes skin delicate and smooth.

Powerful and Effective

Professional medical equipment's design and manufacturing background, utilized imported LED chip, single chip power up to 100W.

Ultra-high real energy density $25\text{J}/\text{cm}^2$, comparable to professional hair removal machine, excellent hair removal effect. The 5-level energy design can meet the precise hair removal needs of different skin colors and different skin areas.

Single operation shots number display on screen and user can know clearly enough treatment shots needed per time, convenient to use.



Durable and cost-effective

Powerful LED chip, stronger heat resistance and current resistance, professional and mature complete machine design, the device is very stable. Ensure that the effective lifespan shots is unlimited.



The fastest personal hair removal device in the world.

Maximum 3HZ frequency, 180 flashes in 1 minute, no need to press button all the time, sliding operation on large skin area, complete body hair removal easily and efficiently.

Dual treatment modes, single flashing or fast flashing as option.

Exquisite treatment tip and window design, small skin area and bikini area can also be easily treated.

Perfect integrated device body and screen design

Smooth lines, higher class style. Unique and impressive appearance look.

Utilizing more advanced IPS screen, more clear color display, fast operation response.



The rectangular spot has uniform energy and good consistency

which reduces the tingling sensation during operation, is gentle and comfortable, and makes you fall in love with hair removal and skin rejuvenation treatment.

In the initial stage, use it once every 4 to 6 weeks, only 3 to 5 times

You can remove most of the unwanted hair from the whole body and enjoy silky skin.

Permanent hair removal, no hair grow in 2 years.



The detection sensor of full contact and near-infrared light with narrow wavelength range 780-850nm, safe and suitable for people of all skin colors around the world.

Selected 780-850nm narrow wavelength of near-infrared light

mainly absorbed by melanin in hair follicles, the recognized golden wavelength range for hair removal, also suitable for all skin colors.

NIR energy is transmitted to the subcutaneous, heat energy stimulates collagen regeneration, also reach perfect skin rejuvenation effect.

If non-full contact, no trigger light release

protect eyes safe and avoid mis-operation of non-applicable people.

To ensure fully skin contact, and under cooling protection, only deep hair follicles can absorb effective therapeutic light energy.

Planar LED NIR	VS	Laser	VS	IPL
<p>The latest innovative hair removal technology, focal surface lighting energy even stronger than laser, more efficient light shooting, more comfortable treatment feeling. Narrow-spectrum wavelength are suitable for more skin colors, higher safety, non-medical usage limits.</p> <p>No consumables, single investment, lifetime use, unparalleled super high cost performance.</p>		<p>Medical-grade technology, with focused energy and better efficiency. The hair can be significantly reduced within 8 weeks. Only "Stamp" mode to operate, slow to finish big skin area treatment, more painful feeling. Higher risk for safety, medical certificate requirement.</p>		<p>Old and common hair removal technology and many competitive devices in the market. Low energy density and long hair removal cycles. The lamp light is scattered, too wide wavelength can't have most precise needed wavelength adsorbed by melanin, and the effect is unsatisfactory. Lamp is consumable with short and limited effective lifespan.</p>

Parameters	
Power adaptor input:	100-240V, 50/60HZ, 15A
Output power:	100W
Wavelength:	780-850nm
Energy density:	9.5J/cm ² -25J/cm ²
Pulse width:	95ms-250ms
Frequency:	1-3Hz
Cooling temperature:	0°C-10°C
Treatment spot(window size):	8mm*8mm(0.64cm ²)
Light source:	NIR Planar LED
Lifespan:	100 million shots
Detection mode:	Contact detection
Net weight:	550g
Size:	L194mm*W82mm*H190mm

Company Introduction:

Shenzhen LeafLife Technology Co., Ltd., founded in 2015 year, is a R&D, manufacturing and marketing medical company, which produce medical laser equipment, beauty equipment, home use beauty devices and core components such as lasers, chips, etc.. The products have been sold to more than 80 countries, annual sales tens of millions RMB.

As an innovation-oriented new technology-based company, owns strong R&D power, the first fiber coupled diode laser technology is the breakthrough of diode laser hair removal. Global patent LED hair removal technology, lead the new technological innovation and market upgrading.

Provide OEM, new technology R&D, consulting, training, equipment and technical problem solution etc. services for the investors, equipment suppliers, and distributors etc..

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