



SELECT / PLUS

REDEFINING SUNSHINE

“The only way of discovering the limits of the possible is to venture a little way past them into the impossible.” – Arthur C. Clarke

The K11 Air marks another milestone – a revolution in the tanning industry. As the world's first solarium to rely exclusively on the power of LED-technology, KBL is breaking new ground and redefining tanning. This development is more than just a technical advance – it makes possible what was previously considered impossible.

For over 50 years, low-pressure lamps have dominated the body area of solariums. With the new K11 Air models and the all-rounders K11 Air Select and Plus, KBL is taking a decisive step forward by using only high-performance LEDs distributed

throughout the entire tanning tunnel. Not only do they enable a unique tanning experience, they also lay the foundation for future developments. All variants of the K11 Air set new standards in performance and, above all, efficiency.

The design concept of the K11 Air, created by renowned designer Etienne Salomé, completes the K-Series with a clear and open design language. It embodies not only freedom, but also pure elegance – a perfect symbiosis of function and style.





THE FIRST LED SOLARIUM

Created to unlock unlimited possibilities



LED
Technology



SunFinity
UVA-LEDs



SunFinity
UVB-LEDs



Nano
Beauty LEDs

The SunFinity LED-technology of the K11 Air delivers exceptionally high-quality lighting performance.

With these LEDs, KBL is now able to individually adjust all light spectra for the first time, creating endless possibilities. The separately controllable LEDs for UVA, UVB, and red light form the basis for unlimited versatility.

This precise combination not only significantly increases the efficiency of a solarium, but also takes tanning performance to a new level – with up to 80% higher direct pigmentation. At the heart of this powerful LED technology is the completely redesigned interface of the K11 Air. “SunControl” offers intuitive control of all light compositions – for a personalized mini-vacation that satisfies all your needs.

+80% direct pigmentation

Individuality

Energy savings

Future-proof

Durability

PRECISION IN ITS PUREST FORM

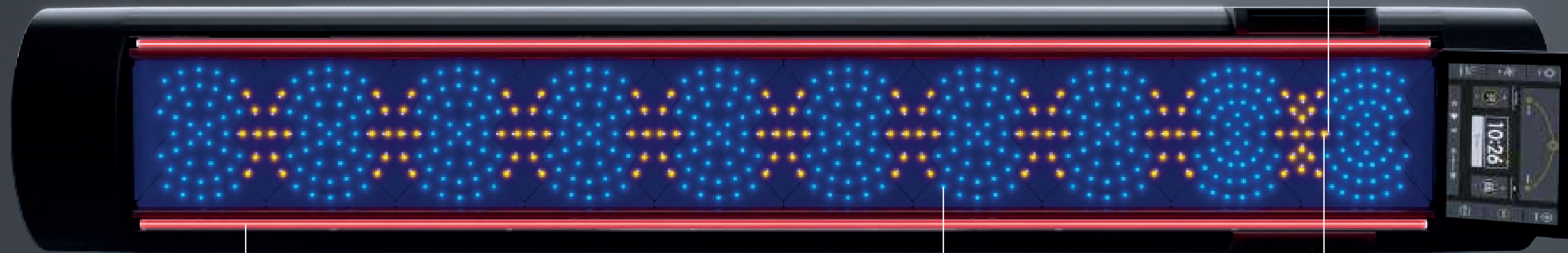
LEDs as the basis for a successful future.

The LED architecture has been completely redesigned from the ground up. Precisely arranged UVA LEDs, UVB LEDs, and NanoBeauty LEDs work in perfect harmony to distribute the light perfectly evenly over the entire body.

Each circuit board is optimized for its specific application with a pure spectrum – UVA, UVB, and red light. The UVB modules feature yellow signal LEDs. Unobtrusive in design, yet unmistakable in appearance.

SUNFINITY

LED-TECHNOLOGY FOR ENDLESS POSSIBILITIES



>4800 NANO BEAUTY LEDs
Skin care

NanoBeauty LEDs ensure perfectly cared-for skin and a velvety-soft complexion – during and after tanning.

2010 UVA LEDs
Pigment darkening

For an immediate, radiant complexion. The tanning UVA light is distributed evenly across the entire LED panel, from the face to the feet areas. For optimal direct pigmentation, additional LEDs are installed in the face and décolleté area.

552 UVB LEDs
Vitamin D & pigment development

The 552 UVB LEDs achieve an optimally balanced pigment and vitamin D development.

552 SIGNAL LEDs
Visual marking of the UVB LEDs

The signal LEDs are positioned next to the UVB LEDs. Their bright yellow color enhances the visibility of the LEDs – a tribute to the sun.



SUNCONTROL

INDIVIDUAL SPECTRUM

Bringing the sun into a studio has never been so impressive. The K11 Air redefines tanning: Over 2,500 precisely controllable LEDs enable a completely individual lighting experience, perfectly tailored to personal preferences. A technology of this complexity requires a control panel that not only works, but also is intuitively appealing. Nine inspiring destinations form the emotional backdrop – each setting a place to take a deep breath.

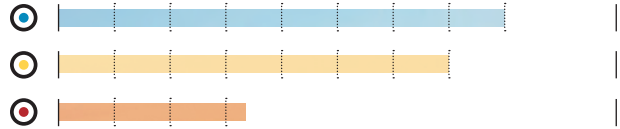
- INTENSIVE - Bahamas, Hawaii, Maldives
- MEDIUM - Santorini, Capri, Ibiza
- SENSITIVE - Hamptons, Monaco, Sylt

The whole experience is refined by a new highlight, the **Sun Slider**. This allows you to continuously adjust the time of day – from an energetic morning with blue light, maximum performance at midday, to a gently fading sunset. All inspired by the natural course of the sun.



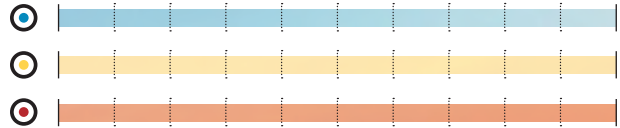
SUNRISE

Experience the sunrise on Capri,...



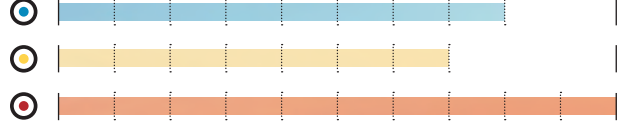
PEAK SUNSHINE

...the peak sunshine from Hawaii,...



SUNSET

...or the sunset of Monaco.





SUN

THE MOST INDIVIDUAL SUN

With “SunControl,” KBL is introducing a new way of interacting with light. The user interface of the K11 Air is not only well thought out, but also stimulates all the senses: clearly structured, visually appealing, and easy to use.

The “Sun” menu can be accessed via both the external and internal displays to change your personal feel-good time, ensuring consistent, comfortable user guidance before and during the tanning session.

An interface that combines technological precision with a sensual experience – a truly unique selling point in the premium segment. **The most individual SUN.**



SELECT

PLUS

K11 AIR



SELECT

EVERYTHING YOU LOVE & SO MUCH MORE

Performance that everyone desires.



UVA-LEDs



UVB-LEDs



Nano
Beauty LEDs



Redlight LEDs



Infrared LEDs

With the K11 Air Select, sunlight becomes an intelligent application – controllable, safe, and more powerful than ever.

In addition to the individual “SunControl,” the new “Select function” offers controlled application of all the positive effects of sunlight. From vitamin D stimulation to skin care and vacation preparation to a perfect complexion, anything is possible. The integrated “SunSense” skin sensor maximizes safety by individually adjusting the dose. Thanks to “SunSense”, four UV-based Select programs

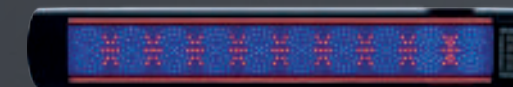
offer everyone a light environment they need. The system is complemented by two UV-free red light programs for regeneration-oriented applications – completely light-based, completely safe.

Additional red light and infrared LEDs based on the proven K11 Air Panels deliver a new level of tanning performance.

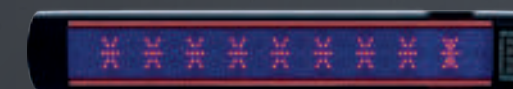
SUN



STYLING



DYNAMIC



ESSENTIAL



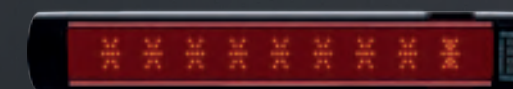
MON AMIE



BEAUTY



ENERGIZING



SELECT

PLUS

K11 AIR

SELECT / PLUS

FUTURE-PROOF LED-TECHNOLOGY

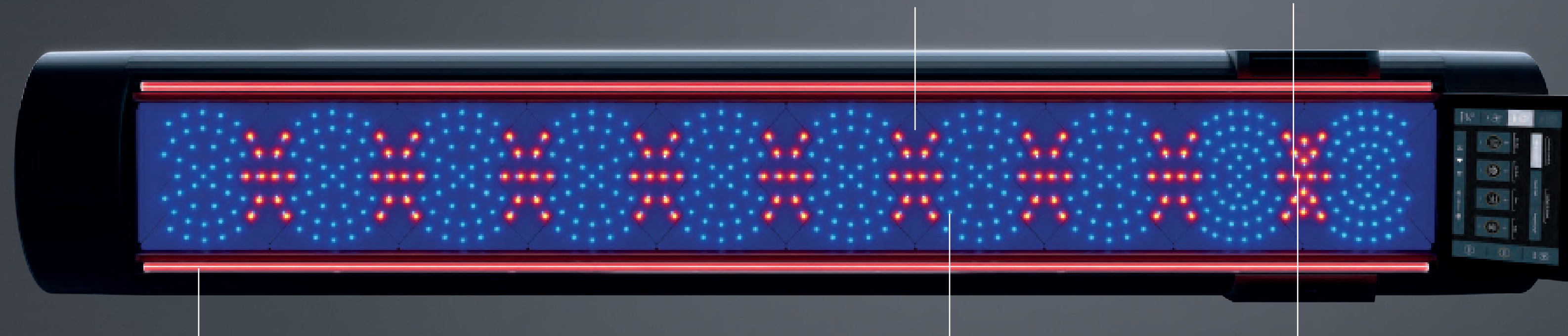
PERFORMANCE WITHOUT LIMITS

New milestones are constantly being added to the unique history of solariums.

The interplay of UVA LEDs, UVB LEDs, and NanoBeauty LEDs is already shaping the future of solariums.

The addition of infrared LEDs and an additional Redlight wavelength allows the K11 Air Select & K11 Air Plus models to reach a level of performance that was previously considered unattainable.

LEDs are a timeless concept and an integral part of megaSuns future.



180 INFRARED LEDs
LightCare & Regeneration

Infrared light is more than just heat – it penetrates deep into the skin and promotes muscle regeneration.

552 UVB LEDs
Vitamin D & pigment development

The 552 UVB LEDs achieve an optimally balanced pigment and vitamin D development.

>4800 NANO BEAUTY LEDs
Skin care

NanoBeauty LEDs ensure perfectly cared-for skin and a velvety-soft complexion – during and after tanning.

2010 UVA LEDs
Pigment darkening

For an immediate, radiant complexion. The tanning UVA light is distributed evenly across the entire LED panel, from the face to the feet areas. For optimal tanning, additional LEDs are installed in the face and décolleté areas.

552 REDLIGHT LEDs
LightCare & skin care

Maximum effect thanks to an additional wavelength in the red light range. The result is noticeably smoother skin and improved tanning performance.

SELECT

PLUS

K11 AIR



SUNSENSE SKIN SENSOR

SENSOR-SAFE TANNING

With the integrated "SunSense" skin sensor, the K11 Air Select creates a new focus on safety and individualization.

Positioned directly on the external display, the sensor enables comfortable and precise skin type measurement – with just a single application. Equipped with LEDs resembling daylight, the reflected light is captured by the RGB color sensor and evaluated in real time.

Based on this data, the "SunSense" algorithm precisely adjusts the LED control of the K11 Air Select. This means that the UV dosage is individually adjusted to the skin – for maximum performance with maximum protection.

SunSense

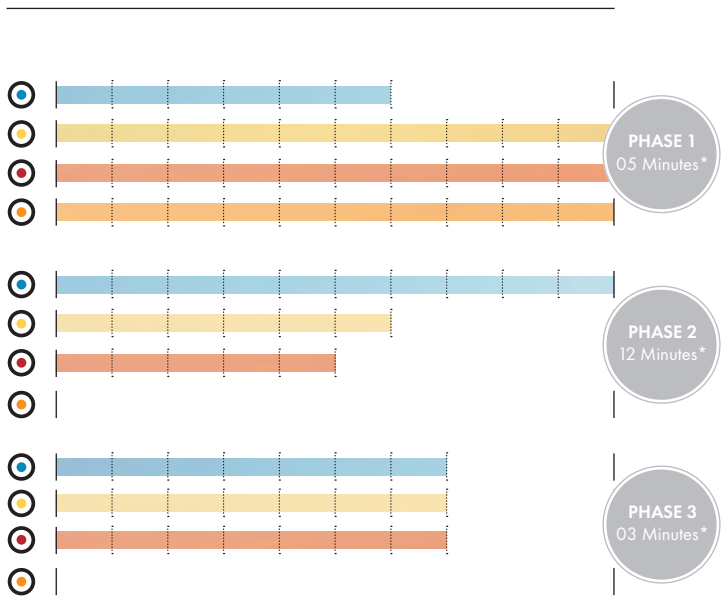




DYNAMIC SUNSHINE

PIGMENT-BOOST SPECTRUM

Pre-tanning without the risk of sunburn. For the first time, a solarium offers an intelligent, dynamic tanning program that adapts to the needs of the skin throughout the entire session. In just one session, the skin is gently prepared – and effectively tanned at the same time. The result is a radiant, natural complexion, ideal as a pre-tan for sunny days or your next vacation.



*Shown for a 20-minute tanning period.



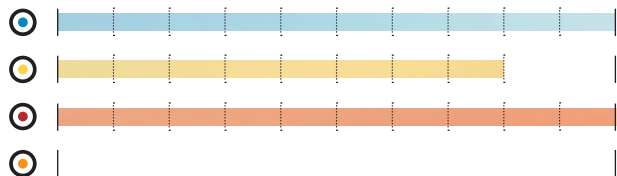
STYLING SUNSHINE

CONTROLLED SPECTRUM

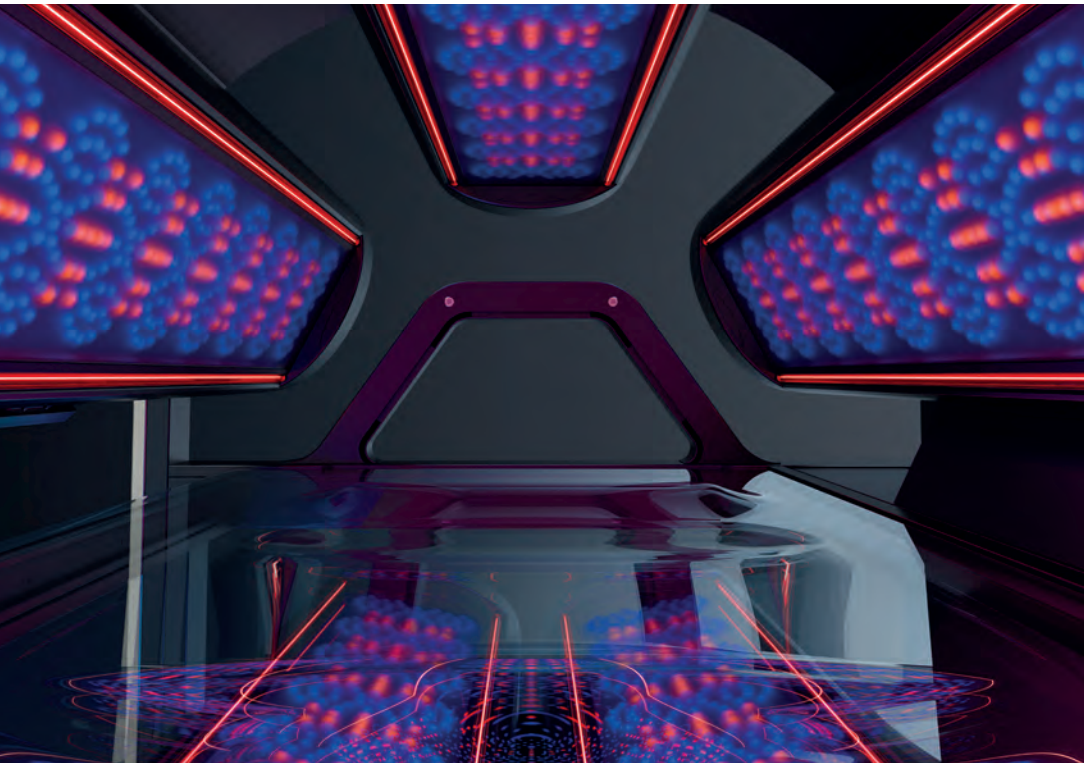
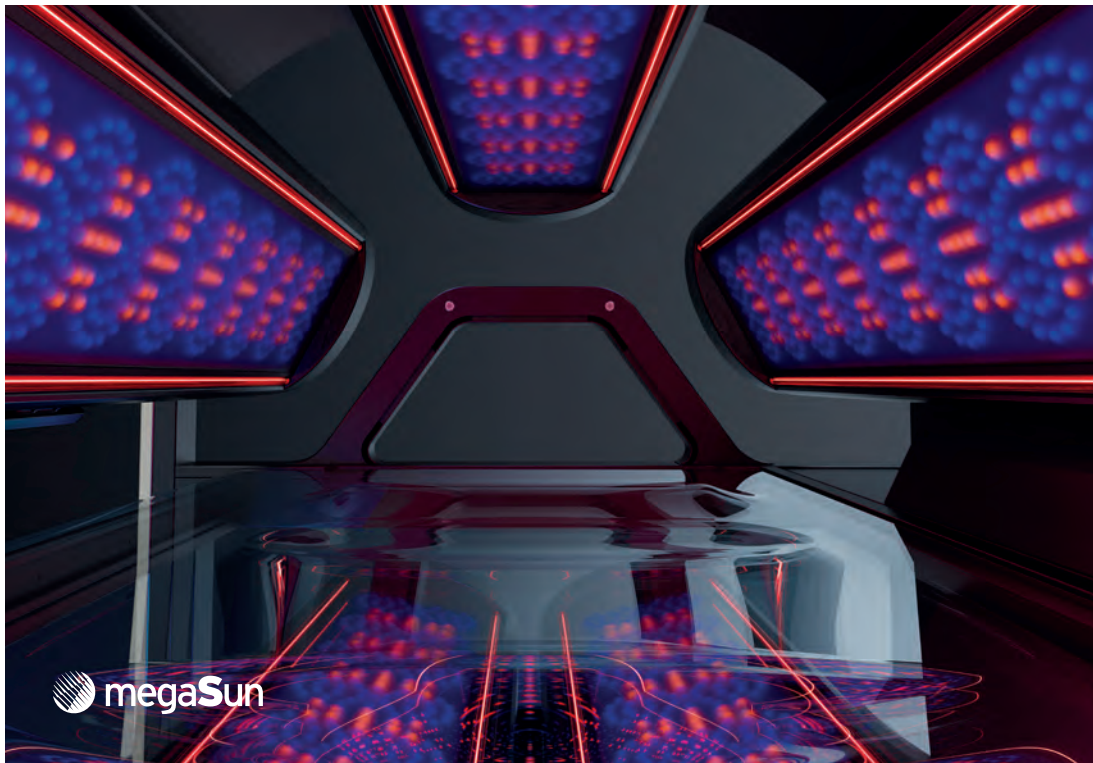
Sunshine without the risk of sunburn. The intelligent tanning program uses the skin-type-specific control of the “SunSense” skin sensor for perfect control of the UVA and UVB LEDs. The dose is distributed evenly over the entire tanning time – for maximum efficiency and optimal skin compatibility.

The UV LEDs are supplemented by two coordinated wavelengths in the red light range. The result is an even, deep golden complexion. The skin not only benefits visually, but also from the soothing effect of the light spectrum.

State-of-the-art light technology meets a relaxed atmosphere – for a controlled tanning experience.



● UVA LEDs ● UVB LEDs ● Redlight LEDs ● Infrared LEDs

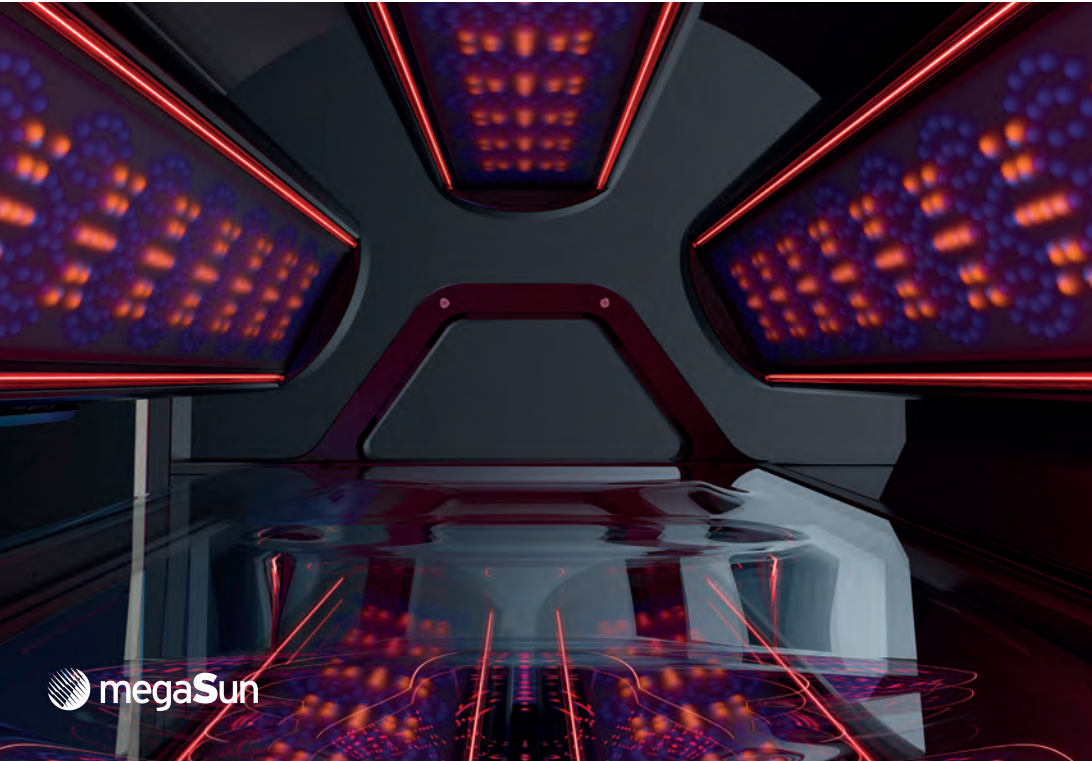
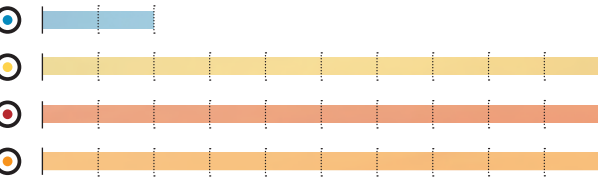




ESSENTIAL SUNSHINE

VITAMIN-D-SPECTRUM

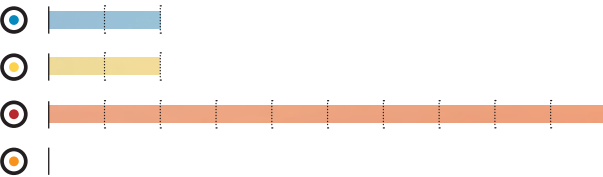
The high UVB dose of “Essential Sunshine” is a real vitamin D boost for the body. Sunlight is essential for bone health, the immune system, and muscle function. With “Essential Sunshine,” the K11 Air Select brings a UV world to studios that is ideal for dark winter months and also promotes the strongest pigment formation in the skin. The UVB intensity is adjusted to the skin type, and thanks to the preliminary sensor measurement, there is no risk of sunburn.



mon amie SUNSHINE

GENTLE SPECTRUM

A glow-up without the risk of sunburn. Based on the successful Collarium®, the “mon amie” program reinterprets collagen therapy and takes the idea of the Collarium® with LEDs to a whole new level. The focus is on red light, skin care, anti-aging, collagen, velvety soft skin, and a gentle complexion. The SunSense skin sensor adjusts the light UV dose to the skin. The result is healthy and radiant skin.



UVA LEDs UVB LEDs Redlight LEDs Infrared LEDs





LIGHTCARE - WITHOUT UV

REDLIGHT & INFRARED

Inspired by the successes of modern light therapy, the K11 Air Select combines two worlds in one appliance that were previously separate: UV tanning and pure red light therapy. A system that effortlessly combines ever day studio life and innovation – and opens up a new dimension of well-being.

What was previously only possible in special light cabins or exclusive beauty treatments can now be experienced by everyone. This enables light to create a whole new body sensation.

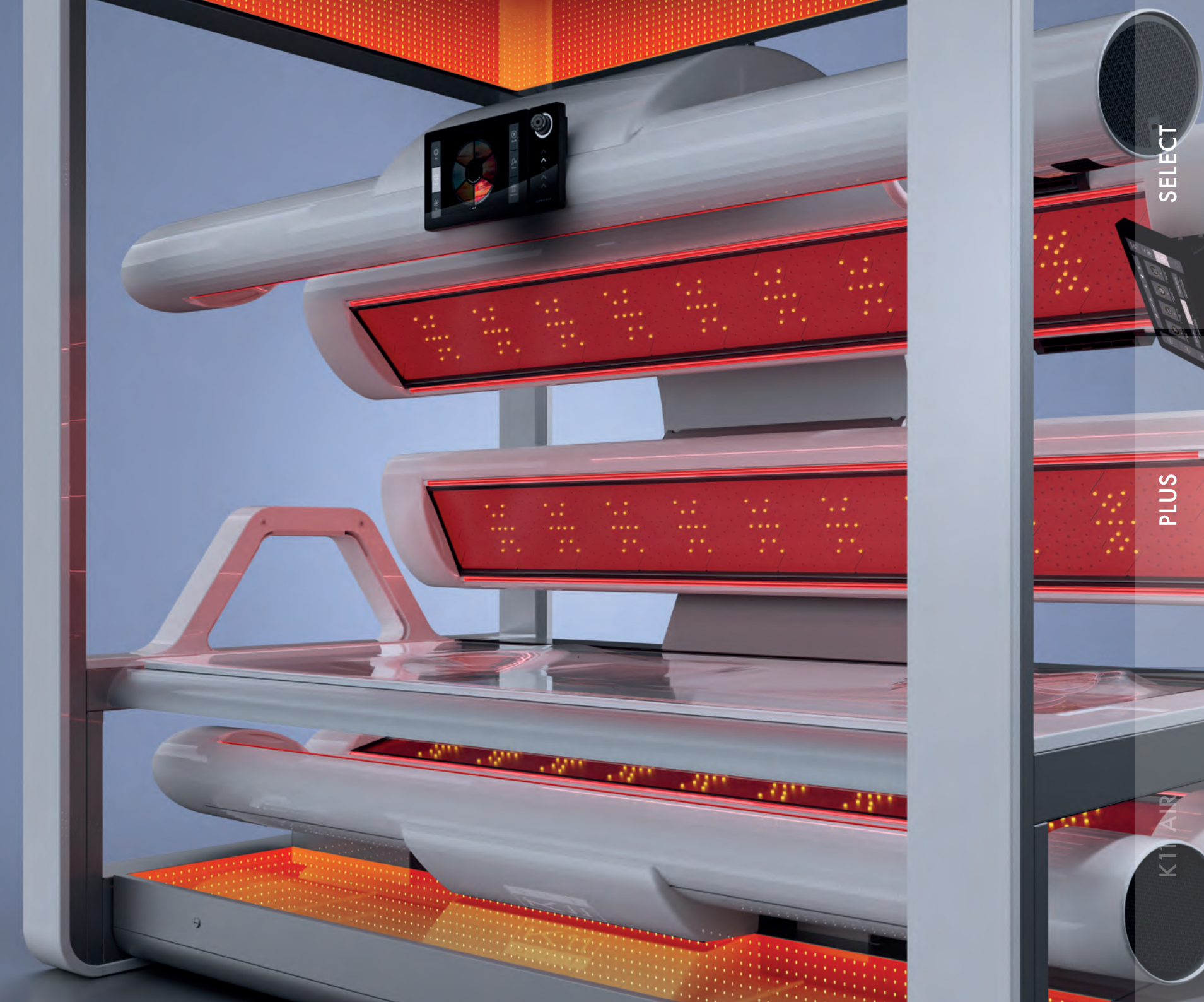
The red light LEDs work on two levels: They activate the skin's surface, stimulate natural collagen development, and give you a visibly more even complexion – soft, smooth, and radiant. Near-infrared light penetrates deeper, exerting its effect on muscles, tissue, and fascia.

This achieves a soothing effect with gentle, lasting warmth – relaxing and invigorating.

It is the combination of both wavelengths that makes the difference. Two depths – one holistic effect.

With LightCare, the K11 Air Select complements the classic UV programs with two purely light-based applications – without tanning, but with a clear focus on care, regeneration, and vitality.

This creates a new world of experience that fits seamlessly into any studio and also inspires new target groups.



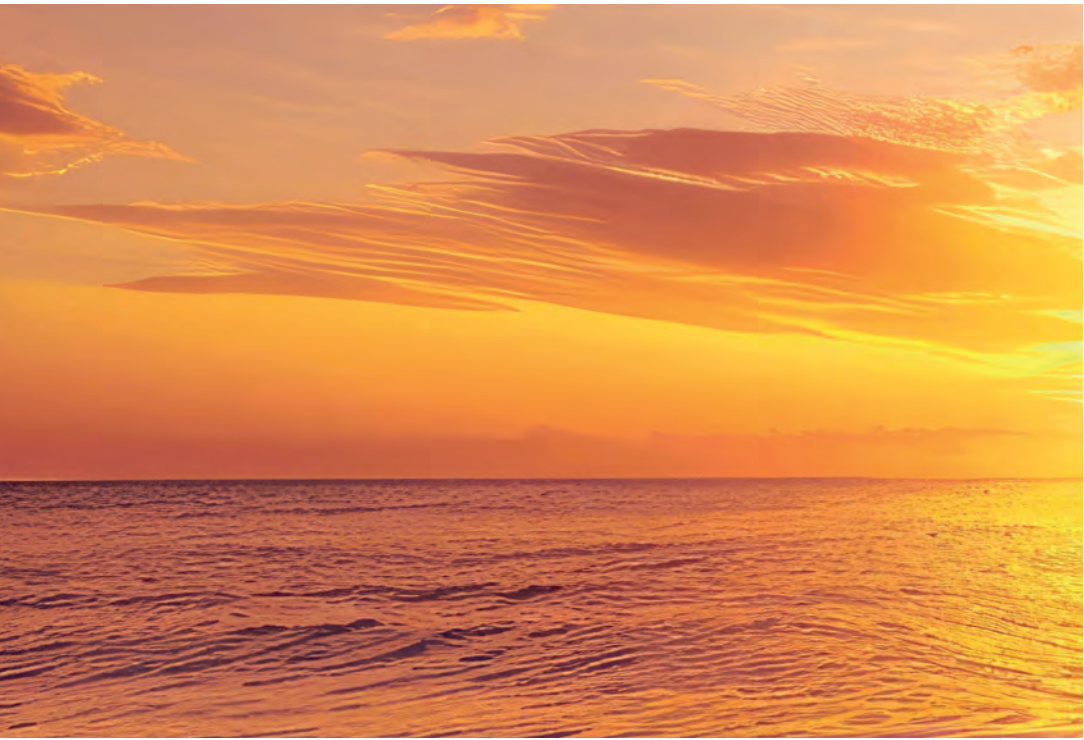
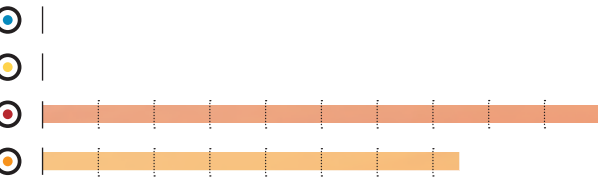


BEAUTY LIGHT

SKINCARE SPECTRUM

UV-free program. For the first time, highly effective red light in two specifically selected wavelengths meets gentle near-infrared light – in a light-based program completely free of UV. The focus is on collagen formation for a softer complexion.

The finely tuned red light spectrum can stimulate the skin's own collagen production, make the complexion appear more even, and help to visibly reduce small wrinkles and irregularities. The result is a skin that not only looks well cared for, but also **feels clear, soft, and vibrant.**

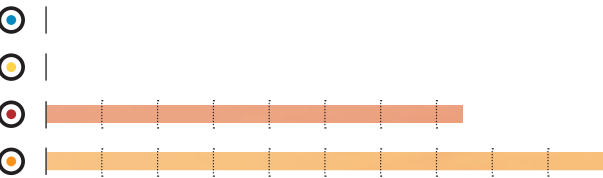


ENERGIZING LIGHT

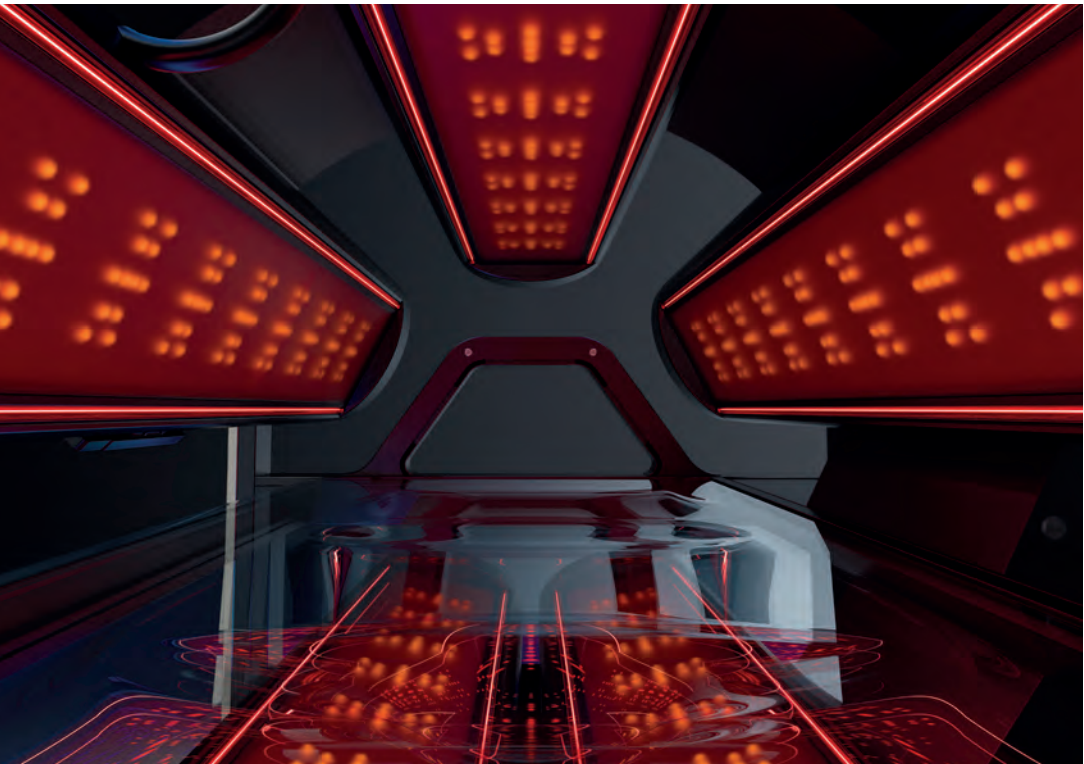
REGENERATIVE SPECTRUM

UV-free program. “Energizing Light” is the light program for renewed energy and better relaxation. The targeted combination of intense near-infrared and gentle red light promotes blood circulation, activates cell metabolism, and supports the regeneration of the body – completely without UV.

The deeply effective infrared light spectrum makes “Energizing Light” the ideal program for sports and every-day life. It increases performance, can relieve tension, and helps restore balance – each session gives you new energy, **especially in the cold and dark months.**



UVA LEDs UVB LEDs Redlight LEDs Infrared LEDs





PLUS

EVERYTHING IS A PLUS.

The performance you need.



UVA-LEDs



UVB-LEDs



Nano
Beauty LEDs



Redlight LEDs



Infrared LEDs

The K11 Air series now has a third model that perfectly complements the range. Equipped with additional red light and infrared LEDs, the K11 Air Plus seamlessly matches the tanning performance of its sister model, Select – **powerful, even and intensified by the red wavelengths.**

The Plus stands for noticeable individuality: In the “Sun” menu, which is part of the K11 Air

DNA, you can select your personal feel-good time using the sun slider.

For those who want to experience the revitalizing power of red light, the additional “LightCare” menu also offers two UV-free programs, “Beauty Light” and “Energizing Light,” created for regeneration-oriented applications that pamper both the body and the skin.

SUN



BEAUTY



ENERGIZING



K11
a i r



K11
a i r



PLUS



K11
a i r



SELECT



SunControl

A selection of nine dream destinations adjustable to three different intensities. The UV composition is regulated by adjusting the time of day. For an individual short getaway.



LightCare

Two UV-free programs offer the option of caring for the skin (Beauty Light) or regenerating the body (Energizing Light).



Select

Four skin-sensitive UV programs for pre-tanning, vitamin D production, skin care, and risk-free tanning. In combination with "LightCare," this creates the "Select" function.



SunSense

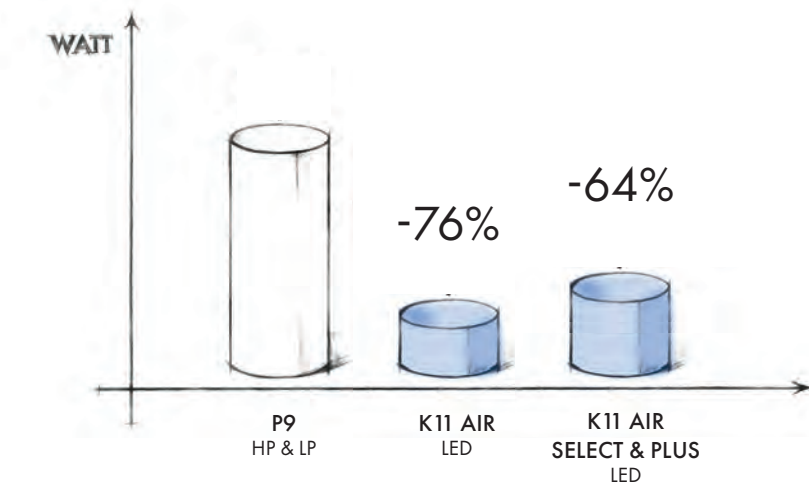
The intelligent skin sensor measures your current UV tolerance and optimally adjusts the solarium to the user. The analysis of your skin condition protects you from sunburn without compromising the tanning result.



COMPLETE LED-PERFORMANCE

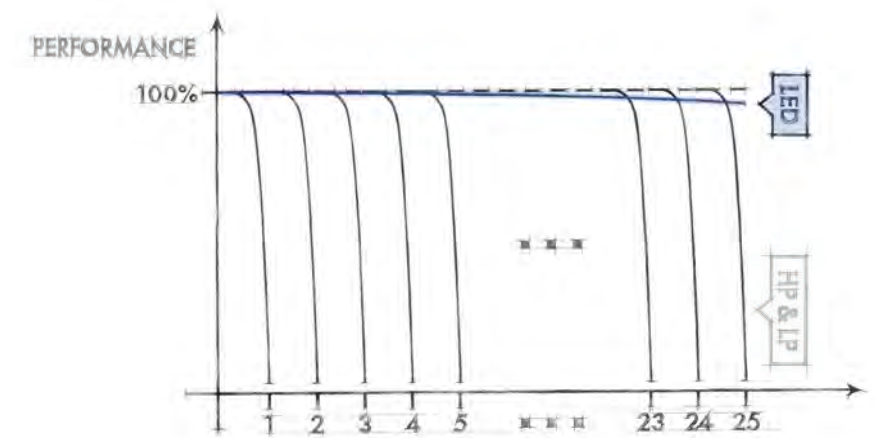
REDUCED POWER CONSUMPTION

The K11 Air models are equipped exclusively with the latest LED technology across the entire tanning range. Compared to conventional solariums with low-pressure lamps and high-pressure bulbs, this reduces the power consumption of the entire solarium by up to 76%.



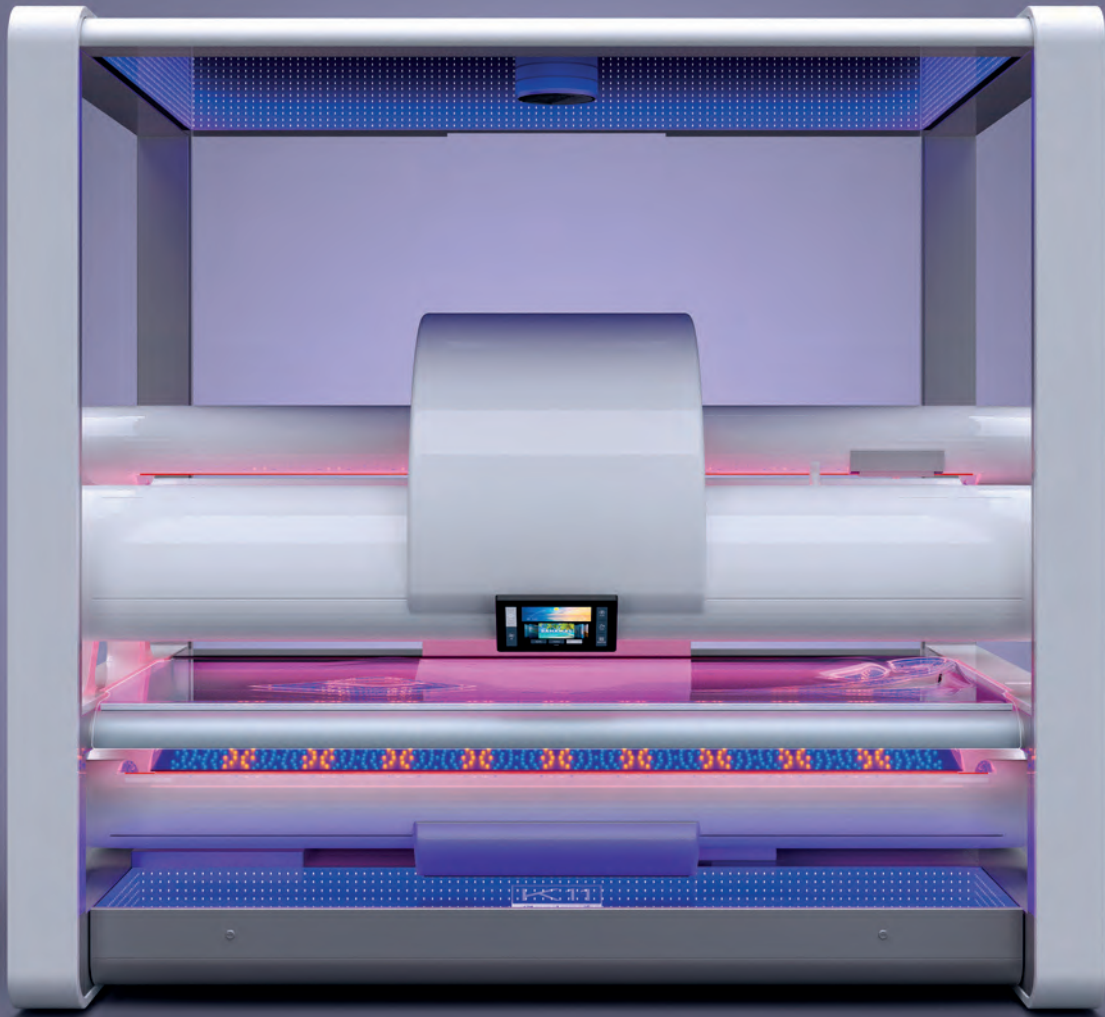
CONSISTENTLY HIGH PERFORMANCE

The 20,000-hour service life of the LEDs is another advantage of this technological revolution compared to conventional radiation sources. Annoying and costly tube and lamp replacements are a thing of the past.



TO INFINITY & BEYOND

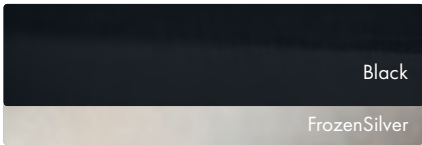
Renowned for its iconic designs, the K-Series continues to set the standard for aesthetic excellence. The K11 Air models take this visual legacy to new heights by featuring a significantly larger **Infinity Mirror**, now prominently integrated into the top of the unit. Through coordinated lighting effects, this expanded feature creates a profound depth effect that remains a magical, unique hallmark of the series. Total customization is at your fingertips via the **SmartControl display**, offering an infinite selection of RGBW color combinations.



DESIGNED TO INSPIRE

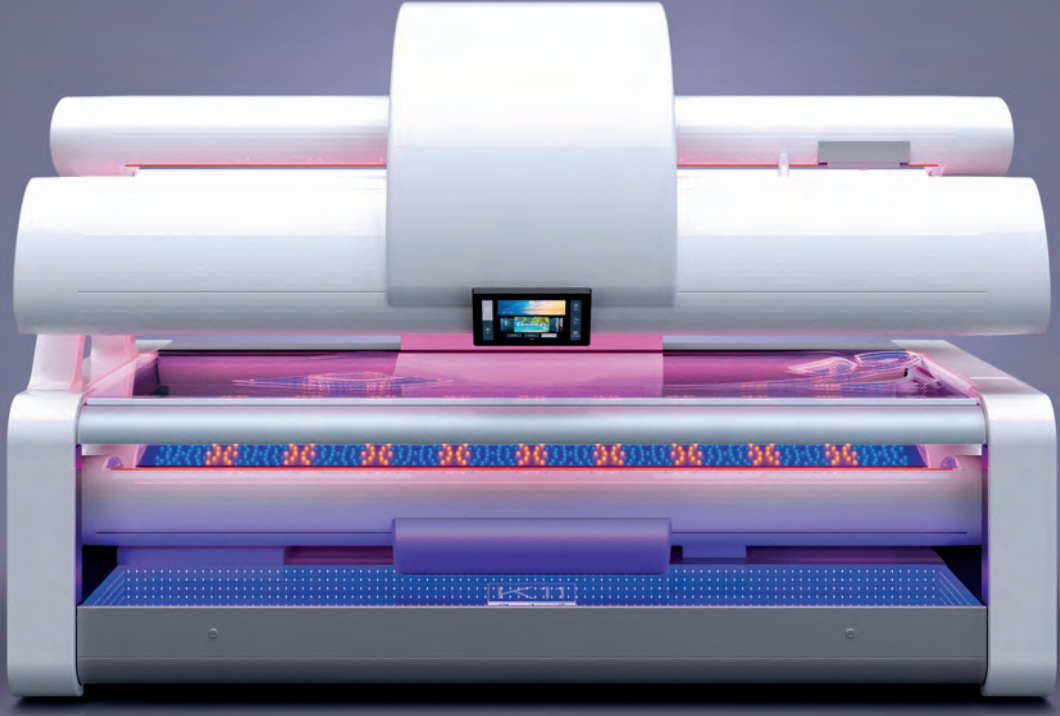
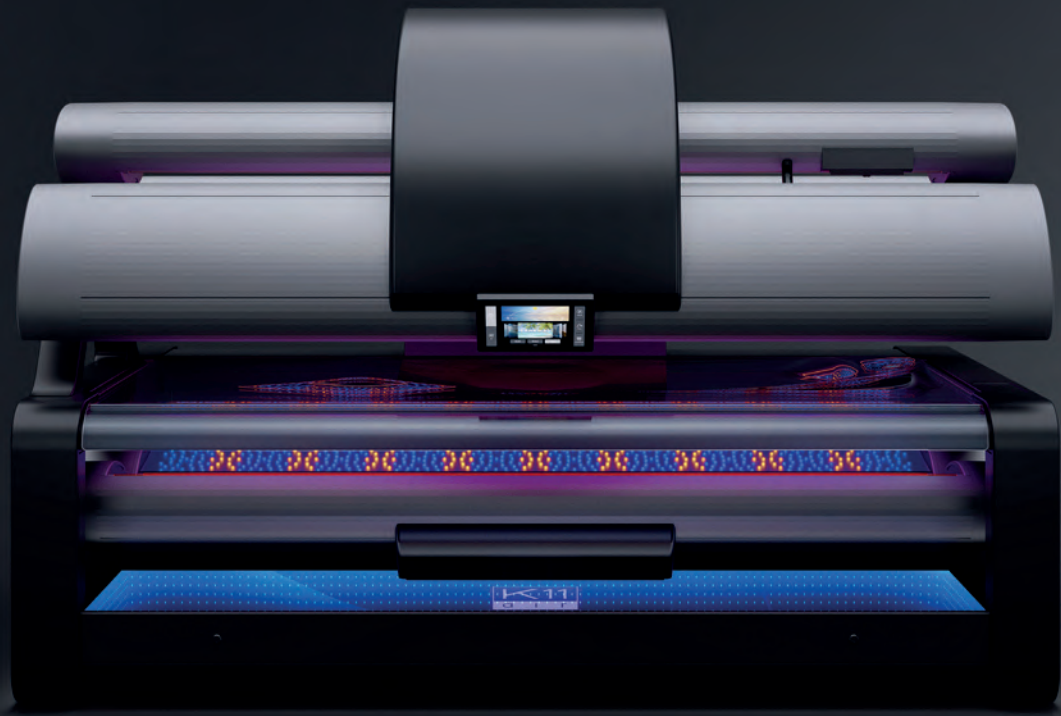
“FrozenSilver” in the K11 Air models with LOFT combines elegant grace with lightness and impresses with warm, shimmering nuances contrasting with deep black.

All models are also available in the popular, shimmering white tone “WonderWhite” on request. For a dazzling appearance.



ENDLESS.
ELEGANT.
OPEN.

“SpaceGrey” makes a striking statement with its robustness and sleek appearance. The colors give the design of the K11 Air models without LOFT a sporty and high-quality look.



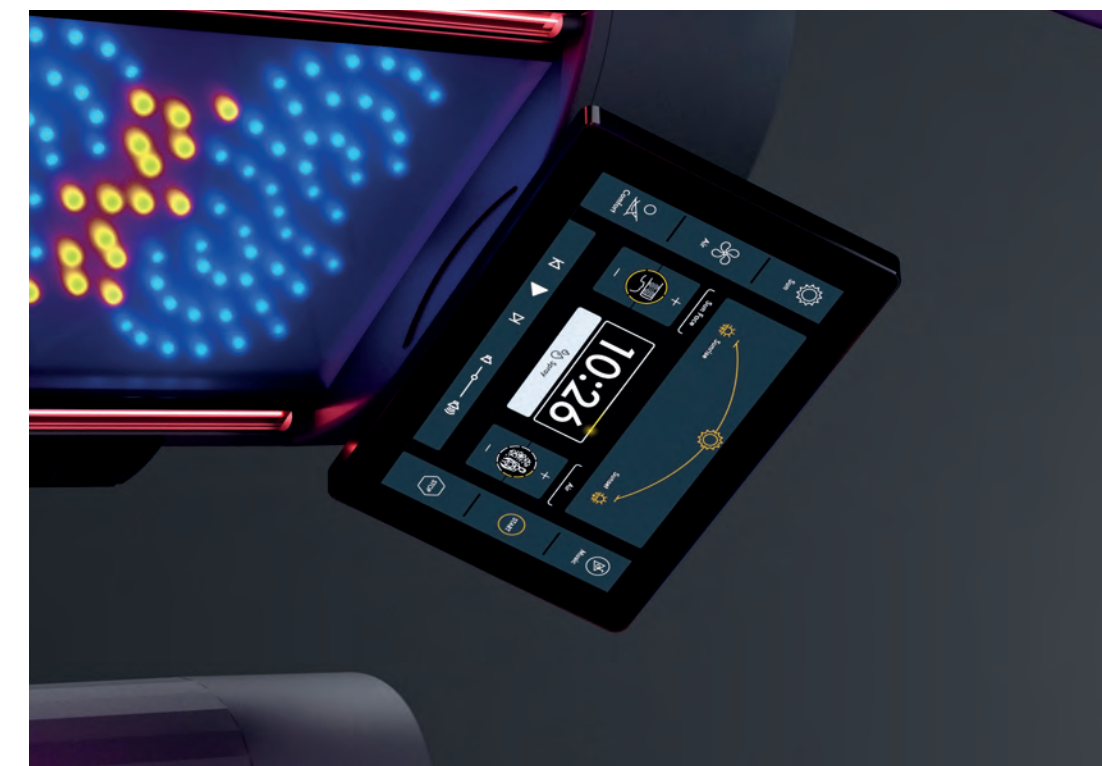
INTUITIVE TOUCH CONTROL

In addition to the new “SunControl” settings, individual adjustments can be made as usual on the outdoor display of the K11 Air before the tanning session has started. Studio owners also have optimized access to the service menu. For the first time, two 10” touch displays are installed on the exterior and interior of a solarium. This allows all relevant parameters to be adjusted precisely, easily, and quickly during tanning.



The 10” interior display is positioned to ensure direct illumination of the neck area. For even tanning, maximum comfort, and no shadows. With demo mode, the operation of the interior display can be mirrored on the exterior. For a more convenient way to instruct customers.

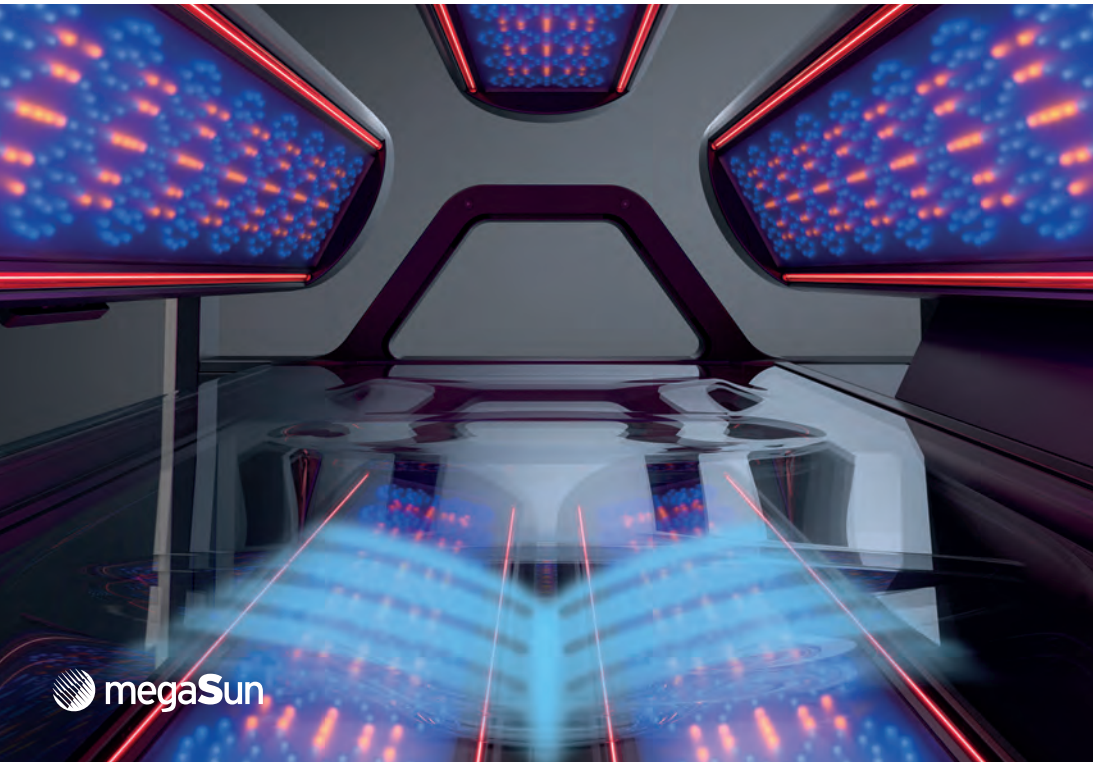
10” SmartControl





FEEL A GENTLE BREEZE

AirBreeze Pro sets new standards in ventilation technology for solariums. With separately adjustable intensity for the body and face, the fresh breeze is evenly distributed across the entire body. In the face and décolleté area, you can also direct the airflow in all directions to avoid cold spots.

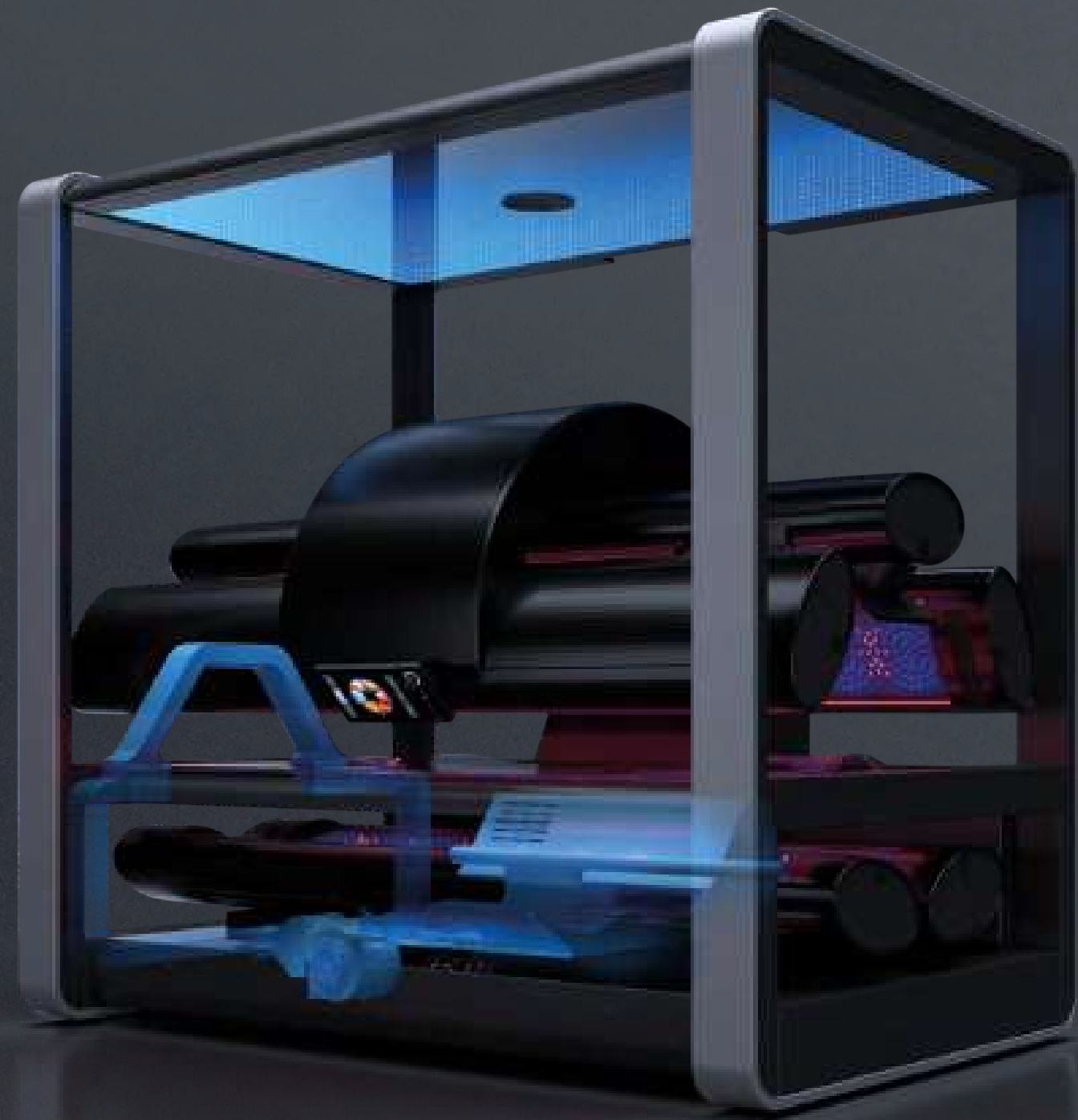


ALL-ROUND PLEASANT COOLING

The K11 Air also uses the proven ventilation concept to cool the lying surface from below. The air is distributed evenly under the acrylic surface, completing the all-round experience of the AirBreeze technology.

AirBreeze Pro





REFRESH YOURSELF

Refresh yourself with the revitalizing AquaCool mist from two nozzles strategically placed in the body ventilator. The spray can be adjusted to suit individual preferences and, for the first time, reaches the entire body thanks to the positioning of the nozzles. The air flows of the AirBreeze Face ensure that even the face can be reached. In addition, it is now possible to spray at any time and on demand – for an individual refreshing experience.

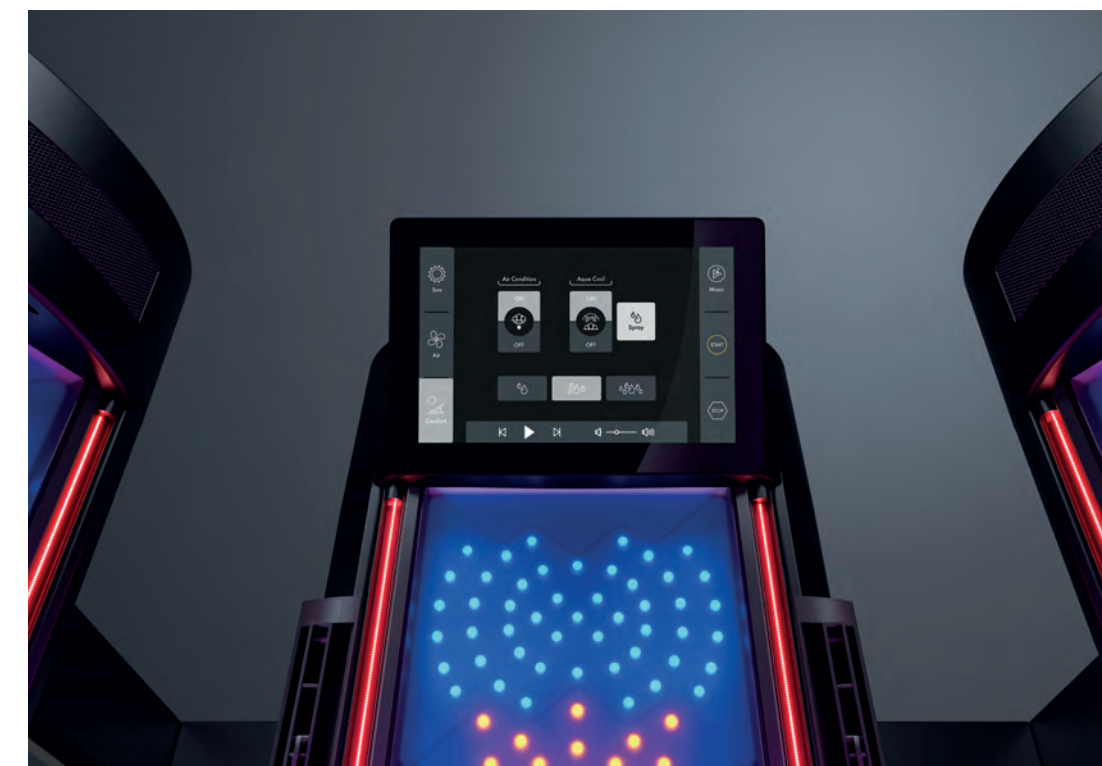
AquaCool



COOL & COMFORTABLE

Combined with the AirBreeze Pro technology, a highly efficient air conditioning unit guarantees optimal cooling. A large air outlet in between the lower tubes is cooling the acrylic and the airflow through the body fan creates a pleasantly cool atmosphere.

Air Condition





RELAX & ENJOY

The sound system in K11 Air solariums sets new standards in sound quality: Starting with crystal-clear highs, powerful mids, and rich bass, the optimally positioned speakers deliver impressive surround sound for every session. Whether with music, relaxing soundscapes, or through Bluetooth connectivity, everyone can customize their tanning time.

| 3D Soundsystem



ENERGIZE YOUR PHONE

Inductive energy transfer is the ideal complement to the Bluetooth function. Wireless charging for all compatible smartphones. Simply place your phone on the embossed surface and it will start charging. This means you can recharge your body, mind, and phone at the same time.

| Wireless Charging





EXPERIENCE PLEASANT TRANQUILITY

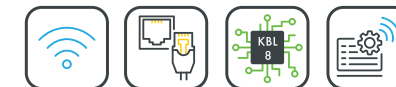
The innovative LED-technology requires a specially adapted cooling system. Thanks to the efficient heat sinks, the heat generated by the LEDs is optimally dissipated. The concept relies on the use of compact fans that not only cool reliably, but also operate significantly quieter than conventional systems. This sophisticated cooling system surpasses the efficiency of pure flow cooling and guarantees optimal LED performance with minimal noise.

QuietTanning



FUTURE PROOF

At the heart of all K11 Air models is the proven electronics of the entire K-Series. This technology is regularly optimized to integrate current standards and future-oriented functions. The connectivity package offers networking capabilities that support software updates as well as remote diagnostics and remote access. For optimal performance a LAN connection or stable Wi-Fi connection is necessary.



TECHNICAL DATA

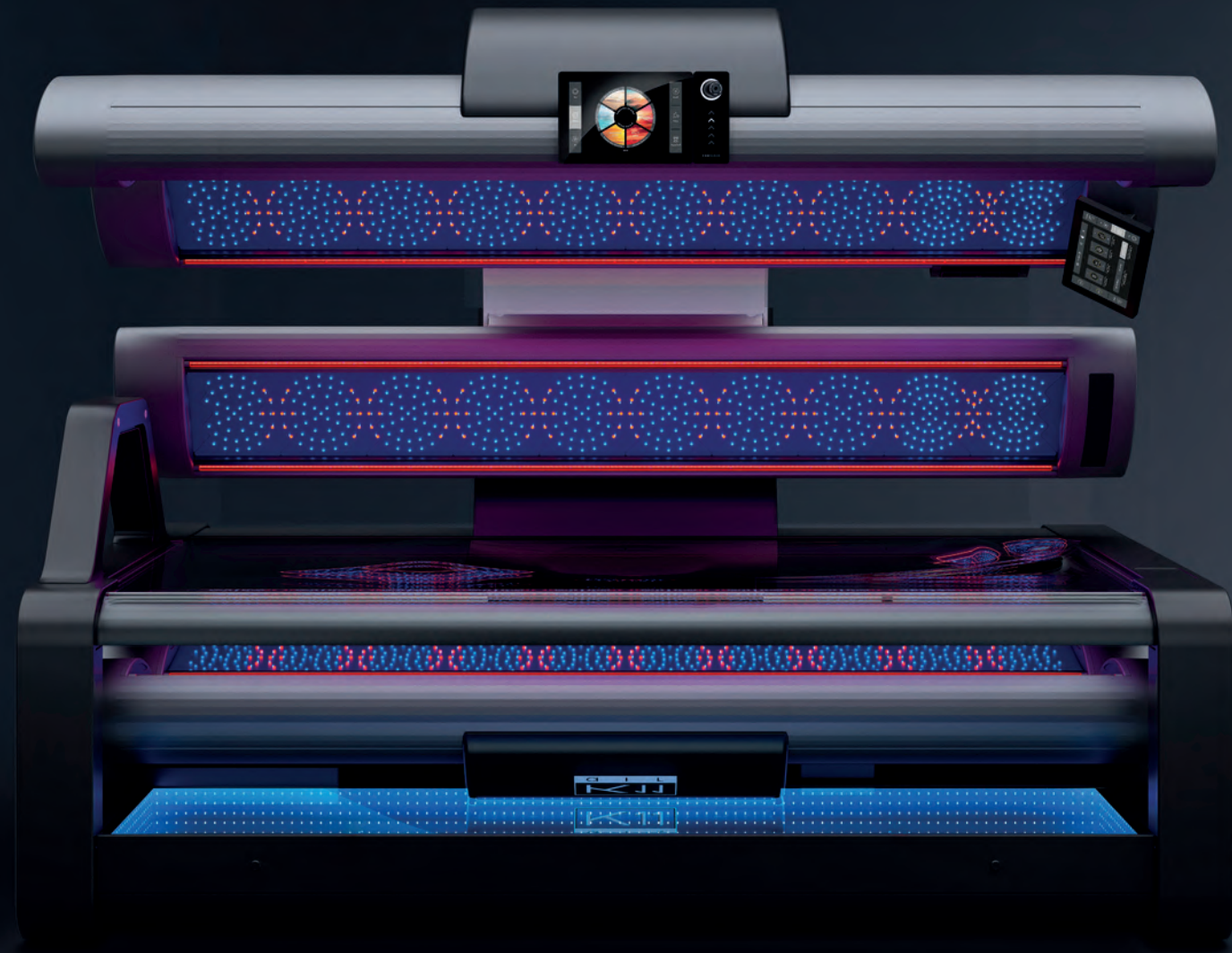
PRICE OVERVIEW

GENERAL DATA

Weight (with AC unit)	K11 Air - max. 785 kg
	K11 Air with LOFT - max. 905 kg
Load capacity of lying surface	max. 150 kg
Dimensions of lying surface	2,035 mm x 1,046 mm
Electrical data Connection:	
Main voltage	3-phase 400 V / ~3N / 50-60 Hz
	1-phase 230 V / ~2N / 50-60 Hz
Breaker	K-Automat 3-pole / 3 x 25 A with FI (RCD)
	K-Automat 1-pole / 35 A with FI (RCD)
Ambient conditions – In dry rooms (booths) with sufficient airing and ventilation	
Minimum room size:	2.500 mm (width) x 2.400 mm (depth)
Recommended room size:	2.700 mm (width) x 2.600 mm (depth)
Relative air humidity:	max. 70%
Room temperature:	max. 30°C
Minimal distance to side walls:	100 mm
Minimum room height:	K11 Air - 2435mm
	K11 Air with LOFT - 2850 mm
Distance to rear wall:	0 mm

DEVICE-SPECIFIC DATA	K11 AIR	K11 AIR SELECT & PLUS
Minimum power consumption	3,5 kW	5,25 kW
Maximum power consumption	6,5 kW	8,25 kW
with AC	6,95 kW	8,7 kW
with Comfort AC	7,8 kW	9,55 kW
Average power consumption	7,25 kW	
This consumption value is based on actual measurements in studios with a sensor usage of approximately 50% of all sessions.		

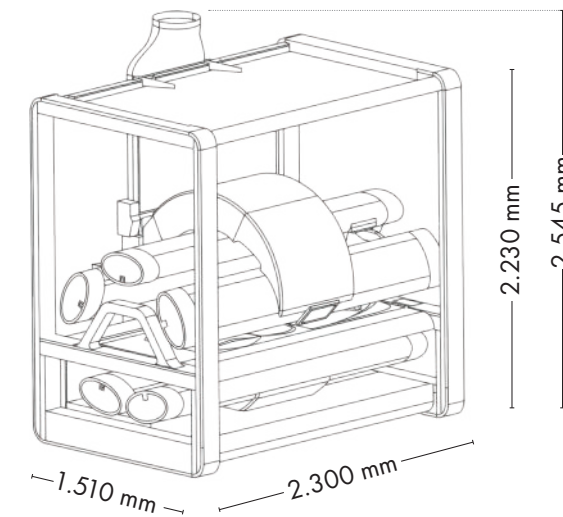
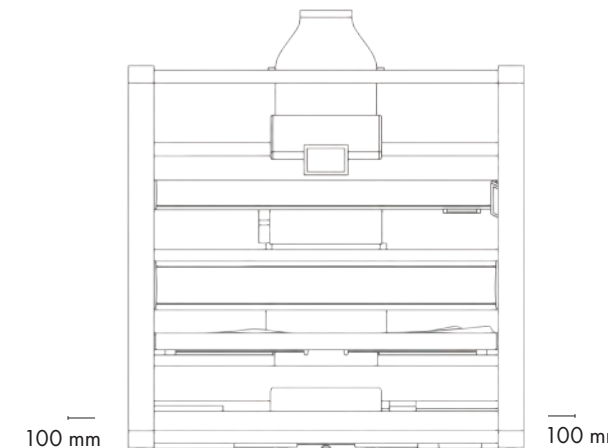
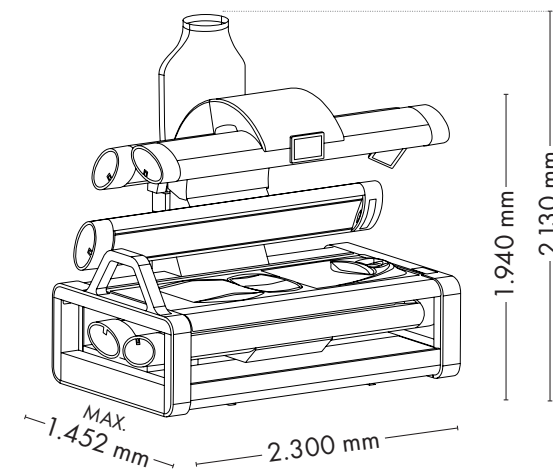




DIMENSIONS

THESE DIMENSIONS APPLY TO ALL MODELS IN THE K11 AIR SERIES.

*without exhaust



K11 AIR

Open
2.300 mm x 1.411 mm x 1.940 mm*

Closed
2.300 mm x 1.452 mm x 1.580 mm*

K11 AIR with LOFT

Standard
2.300 mm x 1.510 mm x 2.230 mm*



„Design is communication. This is no pure styling, the process started from the technology, from the inside of the product, and evolved into a new DNA and creation of a new family of products, all recognizable and unique but all fitting each other's. The new design is pure but mostly modular, created to make every machine unique”.

- Étienne Salomé

étienne



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