

TABLE PRO

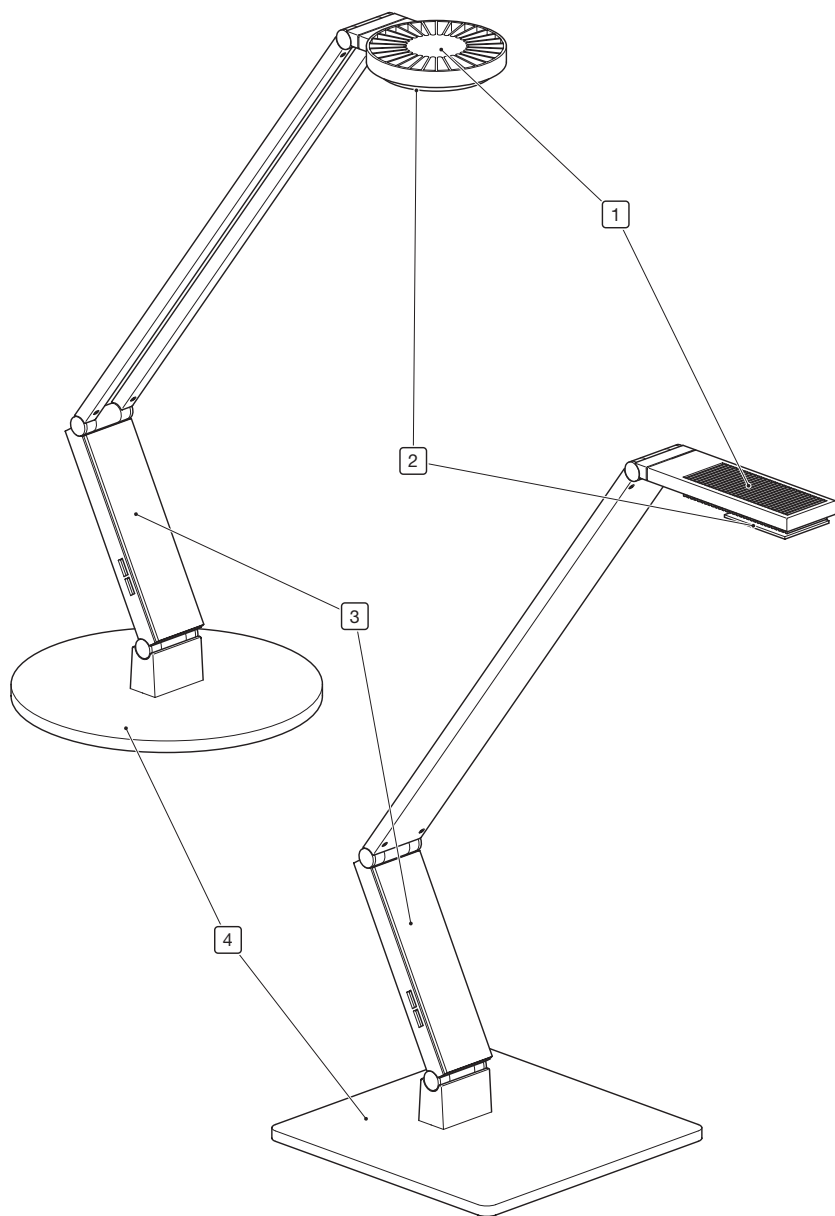


interior
innovation
award
2015

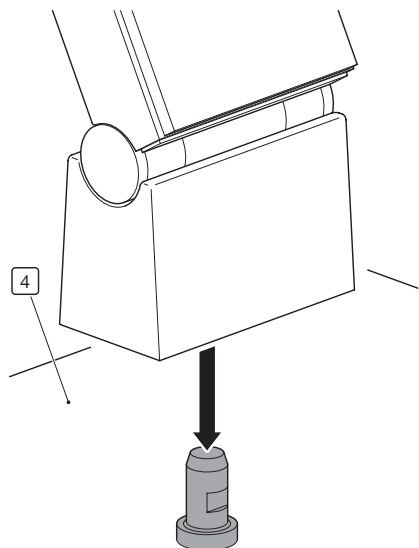
Winner



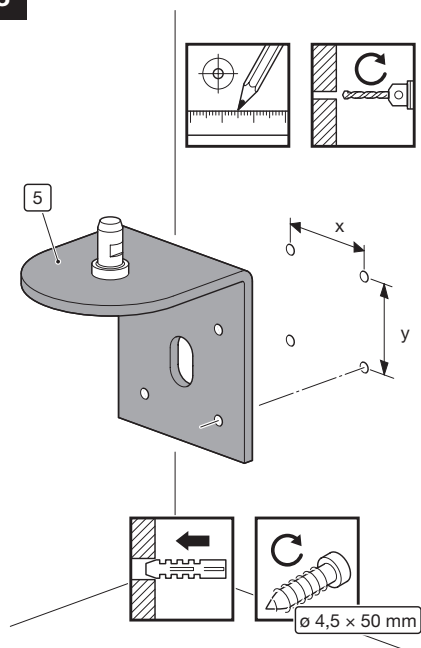
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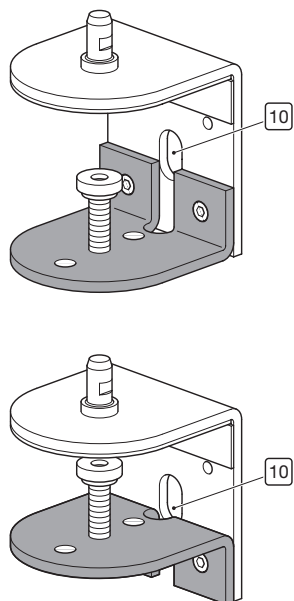
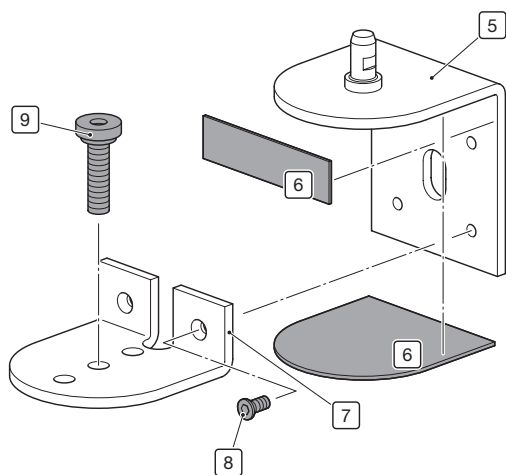
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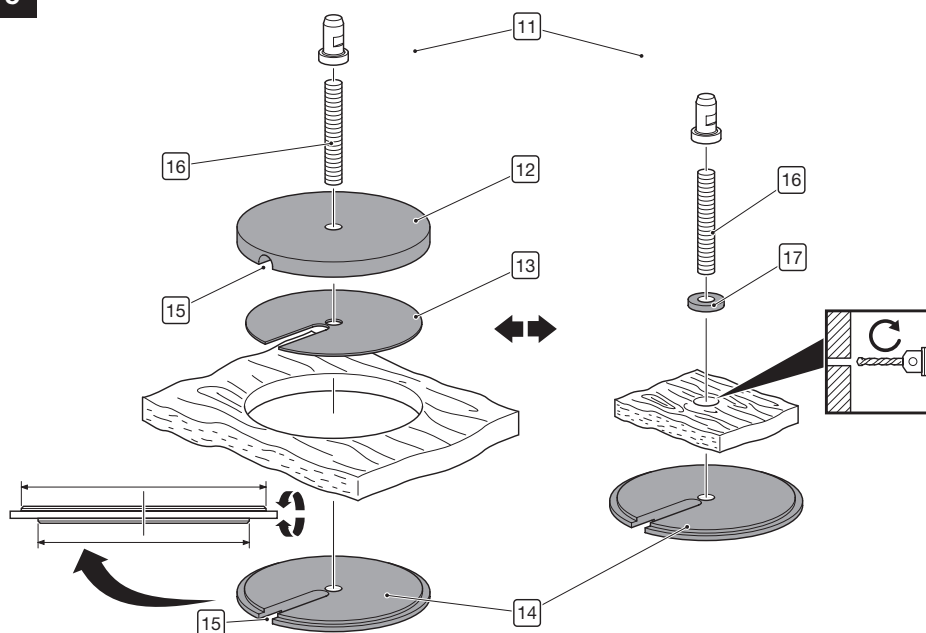
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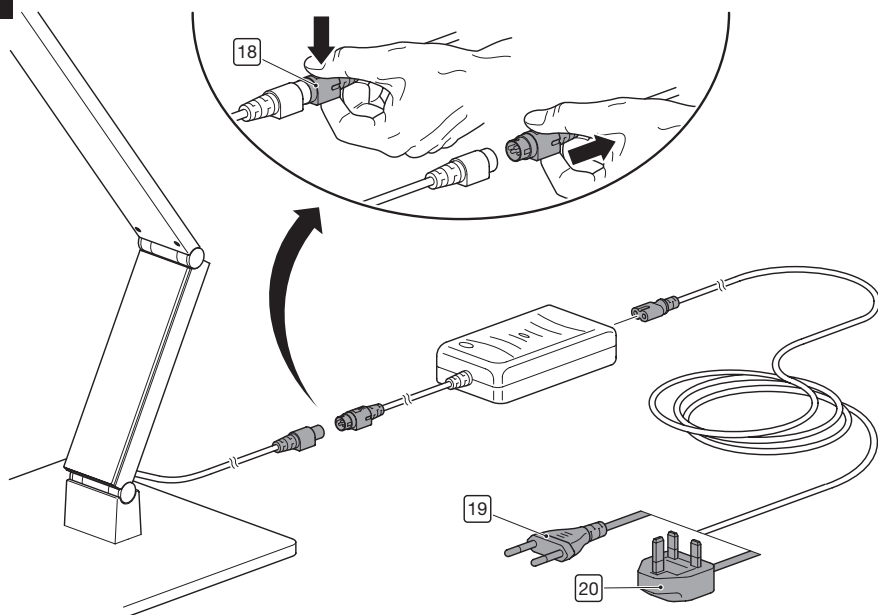
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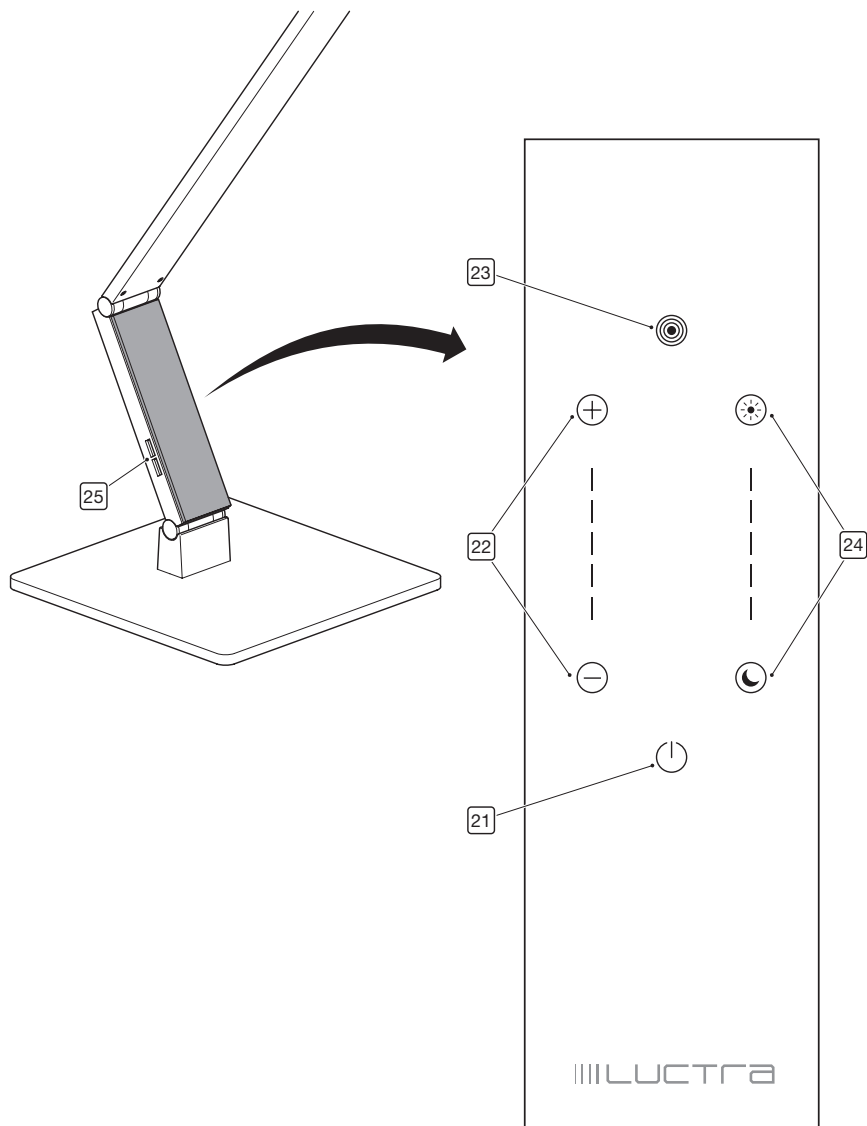


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Intended use

The lamp is designed for lighting a workplace in dry indoor rooms (ambient temperature of 25 °C).

Perform only the activities described in this user manual. Any other use constitutes unauthorised misuse. The manufacturer accepts no liability for damage resulting therefrom.

For your safety

Basic safety instructions

- The user must have read and understood this user manual before starting to use the lamp to ensure safe handling.
- Observe all safety instructions! You put yourself and others at risk if you disregard these instructions. Retain this user manual for future reference and always keep it within easy reach.
- If you ever sell or pass on the lamp, please ensure that you also hand over this user manual.
- Use this lamp only if it is in perfect working order. Please contact our service team if the lamp or a part thereof (including the LEDs) are faulty.
- This lamp is not designed to be used by persons with limited physical, sensory or mental capabilities or a lack of experience and/or knowledge unless they are supervised by a person responsible for their safety or have received instructions from them on how to use the lamp.
- Make sure that children do not play with the lamp.
- Always observe the valid national and international safety and health regulations and work directives.

Electrical safety

- Only plug the lamp into earthed sockets that have been properly installed, earthed and tested.
- Make sure that the power supply corresponds to the connection data for the lamp before plugging in the lamp.
- Do not touch the power plug with wet hands! Always grasp the plug and not the cable to pull the plug out of the socket.
- Do not bend, crush, tug or run over the power cable. Protect it from sharp edges, oil and heat.
- Do not lift the lamp by the cable.
- Check the plug and cable before each use.
- Pull out the power plug immediately if the power cable is damaged. Never use the lamp if the power cable is damaged.
- Always switch off the lamp before removing the plug.
- Always pull out the power plug immediately if the lamp is not used for a longer period of time.
- Always pull out the power plug before transporting or repositioning the lamp.
- Only use extension cables that are suitable for the lamp and its surroundings.
- Do not use additional dimmers.
- If the power cable on the lamp is damaged, it must be replaced by the manufacturer to avoid any risk of danger.

Product-specific safety instructions

- Do not cover the lamp with cloths or other objects. This may cause a fire hazard.
- Always remove the lamp from the mounting first before transporting or repositioning the lamp.
- Always unplug the lamp before changing the position of the table-top base.
- Never open the VITACORE® control panel. The lamp will suffer irreparable damage.

Explanation of symbols

- Warning signs on your lamp must not be removed or covered.



Read and observe the user manual before starting to use the lamp.



Risk of eye damage! Never look directly into the LEDs.



You must only use the lamp in dry indoor rooms.



Replace any protective panel that is cracked. The light source is located behind a protective panel that protects the user against burns and the LEDs against damage. It is not permitted to operate the lamp without the protective panel or with a damaged protective panel. The protective panel must be replaced by a new, undamaged protective panel (original part).



Product and functional description

LUCTRA® provides biologically effective light where the light colour can be varied between a cold white light with a high blue content and a warm white light with a high red content. Coupled with its high light intensity, LUCTRA® gives your body the clear light signals that it needs to adapt its internal body clock and thus to its biological rhythm during the course of the day. The better this works, the higher your sense of well-being and the better your performance.

The optimum biological effectiveness is achieved if the light colours vary significantly during the course of the day. We therefore recommend having very cold white light in the mornings that is reduced at lunchtime, then slightly increased again after lunch and then continuously reduced in the afternoon. The red content should prevail in the evening. You can change these settings on the VITACORE® control panel at any time. Ultimately your well-being is determined by the light setting that is right and comfortable for you. Therefore, experiment with different settings until you have found the right one for you. You can use the VITACORE® App to adjust the setting of the light colour automatically (► see “Operating the app” on page 22).

The boost function provides short-term activation of light with the maximum blue content and maximum brightness. This can be useful in situations requiring a high degree of concentration. As this light setting works intensively when used continuously, it is automatically terminated after 30 minutes.

You can find out more about the combinations and effect of biological light at www.luctra.eu.

Your lamp at a glance

► see image 1

1. Lamp head
2. Protective panel
3. VITACORE® control panel (touch screen)
4. Table-top base

Scope of delivery

- User manual
- Lamp
- Power supply unit with plug-in connector
- Power cable with Euro plug
- Power cable with UK plug-in connector, type G
- Microfibre cloth

Different mountings and accessories are included with the delivery depending on the LUCTRA® TABLE PRO series product that you have chosen:

- TABLE PRO: Table-top base to set up on tables
- TABLE PRO CLAMP: Wall or table-top mounting (with 2× adhesive foam pads, 1× Allen key, 4× screws and rawlplugs for wall mounting)
- TABLE PRO PIN: Fastening to a mounting hole or drill hole on the table (1× adhesive foam pad, 1× Allen key)



Note:

Please contact our service team if one of the parts are missing or damaged.

Assembly

- Always place the lamp on a pre-assembled pin as the last assembly step irrespective of the mounting being used.



NOTICE!

Risk of damage to the lamp!

Make sure that the lamp is fully supported on the pin and can be moved freely.



Note:

A minimum gap (approx. 1–2 mm) is needed between the lamp and mounting for easy rotation of the lamp.

The different mounting options are described below. The electrics must be connected after the lamp has been assembled (► see “Connecting the electrics” on page 20).

TABLE PRO

► see image 2

1. Place the table-top base (4) at the desired position.
2. Place the lamp onto the table-top base (4) as shown.

TABLE PRO CLAMP

You can screw or fasten your lamp to the wall or on tables with a thickness of up to 78 mm with the TABLE PRO CLAMP.

Wall mounting

► see image 3



NOTICE!

Risk of property damage!

Make sure that you check the type of wall and the load-bearing capacity of the wall structure before the assembly. The enclosed rawlplugs are suitable for fastening the TABLE PRO CLAMP to concrete walls or solid masonry. You must use special rawl-plugs or install another support structure suitable for the load with different types of walls (plasterboard, breeze block, etc.) and a deviating load-bearing capacity. Consult a specialist if you are unaware of the subsurface.

1. Mark the four drill holes with the distances
 $x = 45 \text{ mm}$
 $y = 50 \text{ mm}$



DANGER!

Risk of fatal injury caused by drilling through supply lines!

Check for supply lines (e. g. power cables, gas and water pipes) before drilling into the wall.

2. Drill the holes with a diameter of 6 mm and 60 mm deep.
3. Fasten the TABLE PRO CLAMP (5) to the wall with the enclosed screws $\varnothing 4.5 \times 50 \text{ mm}$ and wall plugs.
4. Place the lamp onto the pin of the TABLE PRO CLAMP (5).

Table-top mounting

► see image 4

1. Attach the adhesive foam pads (6) as shown.
2. Choose the orientation of the lower plate (7) depending on the thickness of the table and tighten the clamping screw (9).

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Note:

You can screw the clamping screws into three different holes. This allows you to overcome obstacles, such as edge trims.

3. Fasten the lower plate (7) with the screws (8).
4. Fasten the TABLE PRO CLAMP (5) to the table using the clamping screw (9). Tighten the clamping screw (9) with the enclosed Allen key.
5. Place the lamp onto the pin of the TABLE PRO CLAMP (5).
6. Run the power cable through the designated opening (10).

TABLE PRO PIN

► see image 5

You have following mounting options available for the TABLE PRO PIN (11):

Mounting with a cable hole

The TABLE PRO PIN holds your lamp firmly on any mounting hole ranging from 20 mm to 80 mm.

1. Attach the adhesive foam pad (13) to the upper plate (12).
2. Place the upper plate (12) with the pin and threaded rod (16) from above into the mounting hole.
3. Screw the lower plate (14) facing upwards onto the threaded rod (16) using a centring gauge matching the diameter of the mounting hole.
4. Run the power cable through the designated opening (15)



NOTICE!

Risk of damage to the cable!

Do not fasten the TABLE PRO PIN by rotating the lower plate once you have run the power cable through the designated opening (15).

Otherwise the cable will wrap around the threaded rod and be damaged.

5. Fasten the TABLE PRO PIN by rotating the threaded rod (16). Use the enclosed Allen key to do this.
6. Place the lamp onto the pin of the TABLE PRO PIN (11).

Mounting without a cable hole

You can fasten your lamp to the TABLE PRO PIN even if the table does not have a cable hole.



NOTICE!

Risk of property damage!

The table top must be at least 25 mm thick so that it is not damaged when adjusting the lamp.

1. Drill a hole in the table top with a minimum diameter of 6.5 mm/maximum diameter of 8 mm.
2. Insert the pin with the threaded rod (16) and washer (17) through the hole from above.
3. Fasten the TABLE PRO PIN by screwing the plate (14) facing upwards to the threaded rod using the wider centring gauge.
4. Place the lamp onto the pin of the TABLE PRO PIN (11).

Connecting the electrics

► see image 6

1. Connect the connecting cable of the lamp to the power supply unit.



Note:

You must first release the plug lock (18) to disconnect the lamp and power supply unit.

2. Connect the power cable that matches the power supply to the power supply unit:
 - Power cable with Euro plug (19)
 - Power cable with UK plug-in connector (20)
3. Insert the plug into the socket.

Adjusting the lamp



NOTICE!

Risk of damage to the lamp!

Do not rotate the lamp head against the resistance in the swivel joint.

Operation



NOTICE!

Risk of property damage!

The lamp head is designed in such a way that the LEDs can be ideally cooled, thus achieving a long service life.

Never cover the lamp head. This may cause a fire hazard.

You can adjust the settings on the VITACORE® control panel or through the VITACORE® app on your smartphone or tablet PC.

Operating the VITACORE® control panel

► see image 7

21. On-Off touch button
22. Touch buttons to adjust the light intensity
23. Boost touch button
24. Touch buttons to adjust the light colour
25. USB charging ports



Note:

The touch button symbols to adjust the light colour, light intensity and boost function are only visible once you have briefly tapped the On-Off touch button (21).

The symbols fade again if you have not tapped the user interface for a few seconds.

The duration set for the lighting on the VITACORE® control panel can be adjusted in the VITACORE® App. The preset duration for the lighting is 30 seconds.

- Tap the ☐ On-Off touch button to switch the light on or off.
- Tap the ⊖ touch button to reduce the light intensity.
- Tap the ⊕ touch button to increase the light intensity.
- Tap the ☼ touch button to make the light colour warmer (reddish).
- Tap the ☾ touch button to make the light colour colder (bluish).
- Tap the ⊗ boost touch button to activate maximum light intensity of the cold white LEDs.



Note:

The boost function is terminated automatically after 30 minutes.

- The boost touch button symbol flashes when the function is activated.
- Terminate the boost function prematurely by tapping any touch button.
- If the boost function has terminated or the 30 minutes have expired, the VITACORE® control uses the preset values.

USB charging ports

Smartphones and tablet PCs can be charged via two built-in USB charging ports (25).



NOTICE!

Risk of property damage!

Use only undamaged USB cables. This prevents damage to your devices and the lamp.



Note:

The ports are only used to charge the connected devices. No data is transmitted.

- Connect the devices to be charged to the charging ports (25) using an appropriate USB cable.

Operating the app

The VITACORE® app turns your lamp into a flexible lighting tool. It sets a personal 24-hour lighting sequence for the user.

It varies the light intensity and light colour automatically, thus simulating the natural change of light during the course of the day.

The app communicates with the VITACORE® control via a Bluetooth® connection and detects any LUCTRA® lamp. In this way, the personal lighting profile is transmitted to every lamp.



Note:

The VITACORE® app is available as a free download in the App StoreSM and on Google PlayTM.

- Install the app.
- Activate Bluetooth® on your smartphone or tablet PC.
- Switch the lamp off and back on again once by tapping the On-Off touch button (21) on the VITACORE® control panel.
- The app can now find the lamp within 45 seconds.
- If the pairing is unsuccessful during this time, switch the lamp off and back on again.
- The corresponding lamp now appears in the app with details of the serial number.
- You can now enter a name for the lamp instead of the serial number and then connect this to your smartphone or tablet PC.



Note:

You can connect and control up to two lamps with the app. The connection terminates if you exceed a specific distance between the smartphone or tablet PC and the lamp. This distance is approx. 8– m depending on the structure of the building.

Cleaning and maintenance

**DANGER!****Risk of fatal injury from electric shock!**

Never immerse the lamp in water when cleaning it.

**NOTICE!****Risk of product damage!**

Do not use any abrasive or sharp objects or aggressive cleaning agents.

Do you use any solvents.

- Wipe the lamp dry with a soft damp cloth or with the enclosed microfibre cloth.
- The lamp requires no maintenance.

Service

You can reach the LUCTRA® team from most European countries on our freephone service hotline (German/English): **00800 00582872**.

Alternatively, please call: +49 2371 662445 (Note that charges may apply depending on the network provider).

Always have the serial number of your lamp at hand should you have any queries.

You can find this on the label on the power cable and on the back of this user manual.

Return a damaged lamp only in its original box or in comparable protective packaging.

Disposal

Disposing of the lamp

Appliances that are marked with the symbol shown must not be disposed of with household waste. You are obliged to dispose of such waste electrical and electronic equipment separately.



- Find out more from your local authority about controlled waste disposal options.

With separate waste disposal you send old appliances for recycling or to other forms of reprocessing. In this way, you help to prevent hazardous substances potentially being released into the environment.

Disposing of packaging

The packaging is made of cardboard and appropriately marked plastics that can be recycled.



- Send these materials for recycling.

Technical data

Product name	LINEAR TABLE PRO	RADIAL TABLE PRO
Article numbers	9215, 9217, 9219	9216, 9218, 9220
Nominal voltage	12 V DC	
Power consumption	max. 25 W, 2 A	
Protection class	III  (SELV, Safety Extra Low Voltage)	
Protection type	IP20	
Energy efficiency class	A	
Ambient temperature	25 °C	
Light source		
LED	2 cold white & 2 warm white LEDs (CREE), 2700–6500 K, 1000 lux at a height of 75 cm	
VITACORE®		
USB charging ports	2× 5 V, max. 1.2 A	
Power supply		
Nominal voltage	100–240 V, 50/60 Hz	
Power consumption	1.5 A	
Power output	max. 12 V, 48 W, 4 A DC	
Protection class	II 	
Protection type	IP20	

