

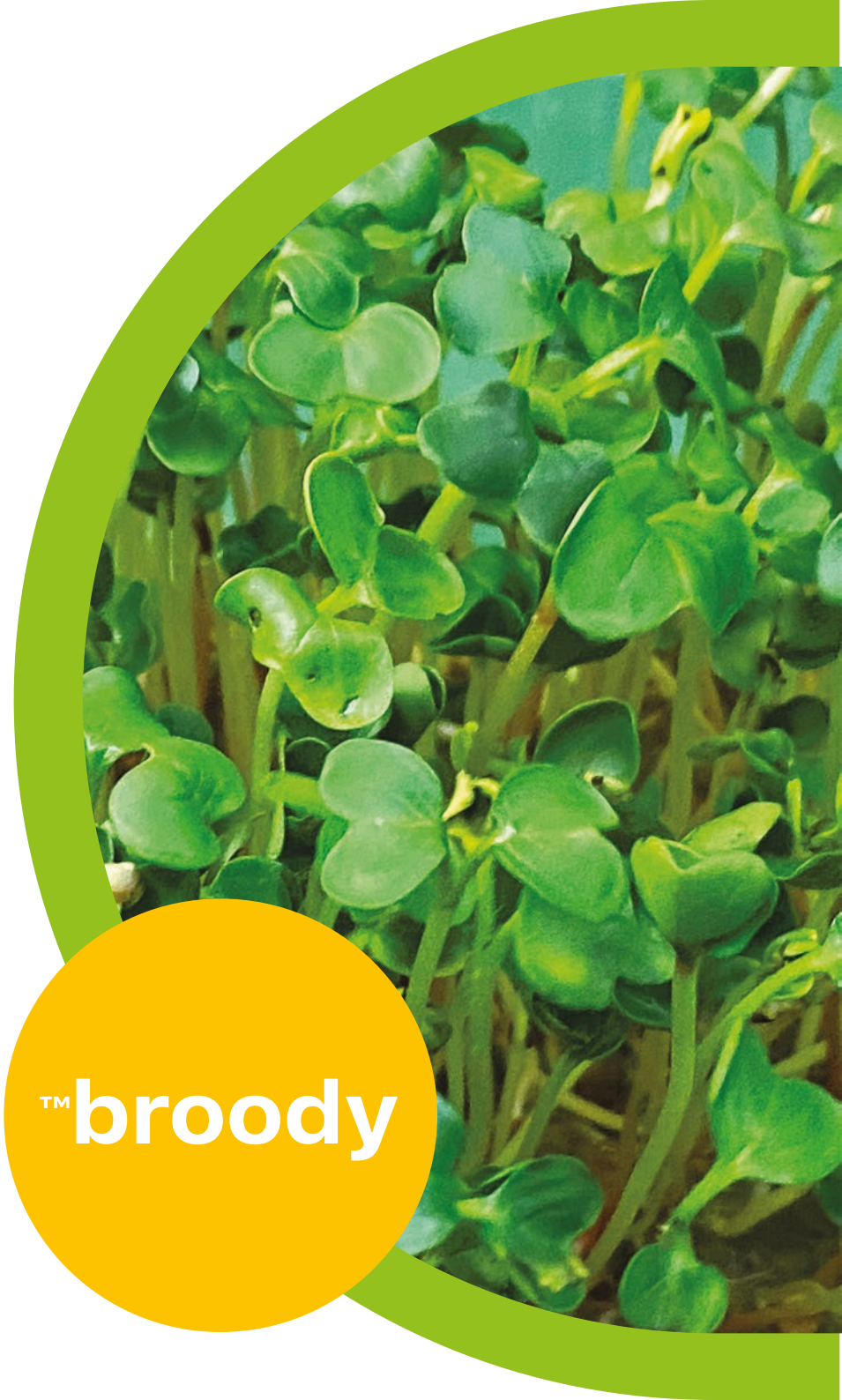
# <sup>TM</sup>broody GreenCap L

Climate control system  
for plants



Broody GreenCap L is a device for growing microgreens and seedlings at home.

<sup>TM</sup>broody

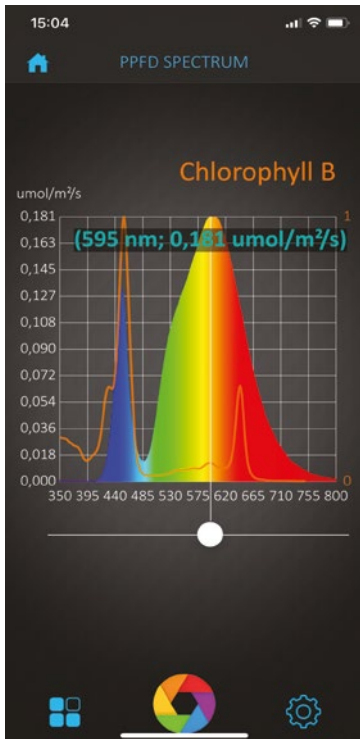


# ABOUT SYSTEM



. The device consists of a lightweight aluminum frame, a transparent cover with ventilation holes and a humidity control unit. Two tubular luminaires are built into the power section of the frame and serve as the basis for placing the control unit and tanks with nozzles. The nozzles provide the system with the specified humidity. Innovative solutions implemented in the germinator allow creating an ideal microclimate for domestic plants, microgreens, seedlings. A transparent awning made of silicone material "flexible glass" allows you to fully observe the growth of plants.

# LIGHT



- Original fixtures use Samsung Full spectrum LEDs - the best on the market for Phyto light today. The PPF and PPF / W (PAR and PAR / W) of full spectrum LEDs significantly accelerate plant growth when compared to narrow spectrum LEDs.
- The advantage of solar-spectrum LEDs is primarily that plants receive light **similar to natural light** for their development. An important factor is the preferred sensitivity (of human vision) of light from the solar spectrum over Phyto-light "bicolor" and "multicolor".

The luminous flux density (PPFD - photosynthetic photon flux density) of the luminaire of 20.6  $\mu\text{Mol} / \text{m}^2 / \text{s}$  ( $\mu\text{Mol} / \text{m}^2 / \text{s}$ ) and its "solar spectrum" are sufficient for growing microgreens in rooms without natural sunlight. In other words, you can grow microgreens in a completely dark room.



# HUMIDITY



- A special system of air humidification allows creating and maintaining humidity in the box from 20 to 98%. The automatic electronic humidity control system uses an industrial sensor that does not require calibration during the entire life, and allows you to regulate humidity with an accuracy of 1%.
- Two tanks (0.6 l each) with built-in nozzles ensure the maintenance of the set humidity in the system for 1-2 days \*. The simplicity of water filling does not create additional difficulties when servicing the device.



# APPLYING



Thanks to the reduced supply voltage (5V) of all elements, GreenCap L ensures safety for people and pets.

In the GreenCap L germinator you can successfully grow:

- Microgreens: wheat, rye, oats, soybeans, peas, buckwheat, chickpeas, basil, broccoli, etc.
- Seedlings: tomatoes, cucumbers, peppers, cabbage, etc.
- Plants requiring special keeping conditions (eg tropical plants)



# DESIGN

## HUMIDIFIER

Water tank with built-in nozzle

x 2



broody™



## PHYTOLIGHT



x 2 Phyto-light lamp

## POWER



Adapter 5B 3A

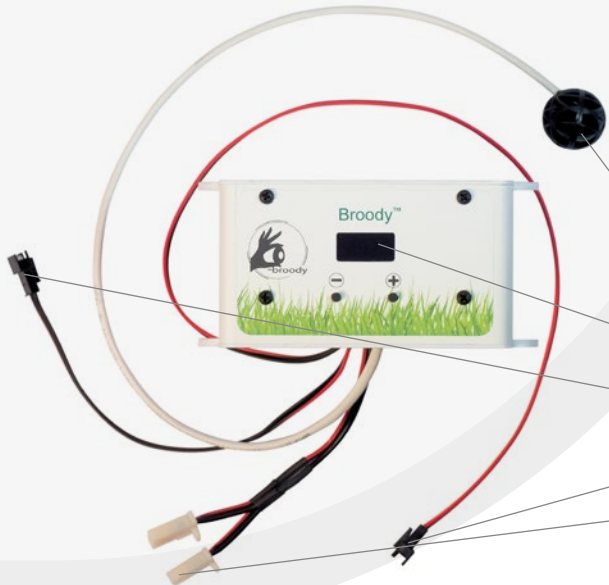


USB/MICRO Cable



USB/KAP2 Cable

## ELECTRONIC HUMIDITY CONTROL UNIT



Humidity indicator

Monitor

Humidity connector

Humidity connector

Phyto-light connector

## FRAME

x 4 Rack 240 MM

x 2 Rack 330 MM

x 2 Rack 330 MM

x 4 Rack 620 MM



x 1 Transparent cover made of silicone film (flexible glass)



x 8 WYE

# TECHNICAL INFORMATION

## COMPLETE SET

1. Transparent cover made of silicone film (flexible glass) - 1 piece
2. A set of tubular elements for assembling the frame - 12 pcs.
3. Phytolight lamp - 2 pieces
4. Water tank (with built-in nozzle) - 2 pcs.
5. Electronic humidity control unit - 1 piece
6. Power adapter 5V 3A - 1pc
7. USB / micro cable 100 cm - 1 piece
8. USB / KAP2 cable 100 cm - 1 piece
9. Plastic tray for growing microgreens - 6 pcs.
10. Plastic cup for collecting condensate - 2 pcs.
11. Operating instructions
12. Warranty card

## THE WARRANTY

12 months.

## SPECIFICATIONS

Mains voltage	110-220 v
Supply voltage lamps	5 v
Lamp power	14,5W
Luminaire spectrum	Full Spectrum
Number of LEDs (Samsung LM301B)	8
Number of additional LEDs (optional)	4
Lamp size	600 x 19 mm (diameter)
photosynthetic active radiation (PAR)	2 x 20,63 $\mu\text{Mol}/\text{m}^2/\text{s}$
Illuminance	2 x 1512 Lx
luminous flux ( $\Phi_v$ )	2 x 310,4 Lm
Luminous performance	120 Lm/W
Infrared rejection (IRR)	4,45 W/m <sup>2</sup>
Color rendering indexCRI (Ra)	74,9%
correlated color temperature (CCT)	3440 K
Box size assembled	630 x 225 x 330 mm
Weight, without box	1,8 kg
Packing size	200 x 750 x 150 mm
Weight of packing	2,1 kg

**GIVES LIFE**

*Gives sun  
to your plants!*



**broody**  
**GreenCap L**  
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