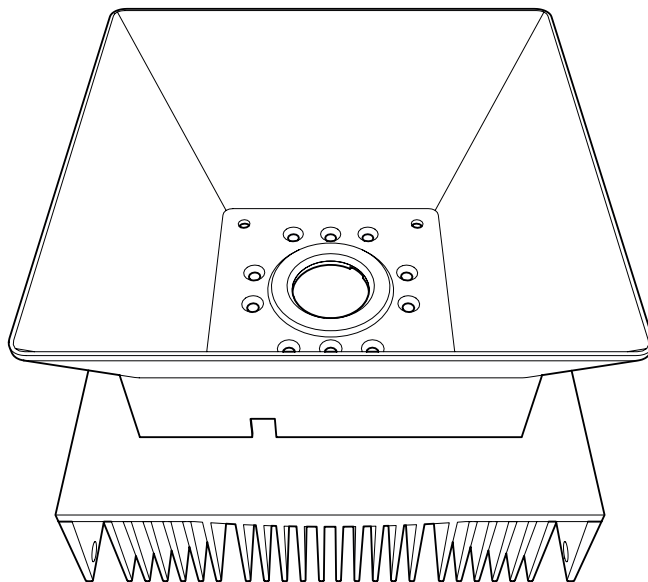




Bonsai Hero Hans Panel

Manual
3590+



Thank you for purchasing a HansPanel. You now own a very powerful product, HansPanel has one of the highest efficiencies available on our planet today. It enables you to grow all kinds of vegetables and flowers in your own home, no matter which season it is, with an absolute minimal use of electricity.

Precautions:

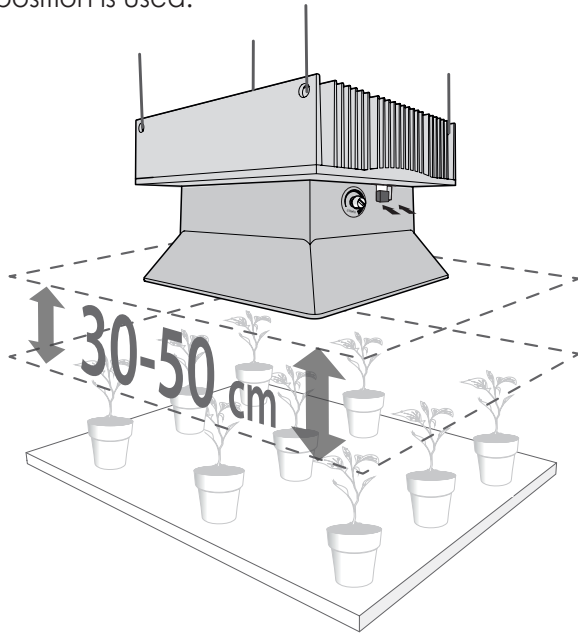
- Please keep the panel dry and clean. To achieve the highest efficiency, the leds are unprotected. So it is unadvisable to spray any form of dust or liquid over the panel, it can lead to light loss or serious damage.
- Please make sure the panel is properly connected to the power supply before connecting the power supply to the mains voltage and switching the panel On. If this order is reversed, by first connecting the power supply to the mains voltage and afterwards connecting the panel to the power supply, damage might appear to the panel.
- Please switch the panel Off by disconnecting the power supply from the mains voltage.

Maintenance:

- You can use a soft cloth and gently swipe the panel clean, if needed.
- To clean the soft domes of the Led, carefully use a Q-tip, cotton swab, that's has been dripped with window glass cleaner. Please be aware the Led-domes are rather fragile, damaged domes are not covered by warrantee.

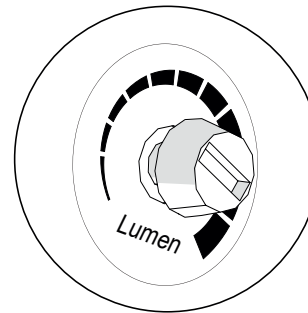
Usage:

- Install the panel so that most of the Ledlight will reach the plants, covering the walls of your grow-area with reflective foil or white paint might improve this.
- The switch on the side of the panel has 2 positions, each of these activates a different number of Leds. The sticker on top of the panel shows which position is used:

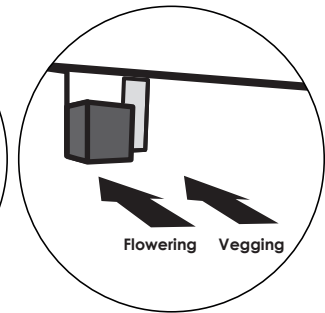


- Low position is for seedlings that are just sprouting and for plants that are growing rapidly, until the forming flowers or fruit has become dominant. The XPGDRY leds will be activated, total maximum power consumption about 85 watt. For seedlings please adjust the Light Intensity Trimmer to about 1/3 of the maximum, too much light will cause damage to them. Recommended distance to canopy 30 to 50 cm.
- Full flower phase, is the highest setting, it is for plants to are fully forming fruit or flowers. The XPE-BRD and XPE-EPR leds will be activated, total power consumption about 95 watt. Optimal setting for the Light Intensity Trimmer will usually be at the maximum. Recommended distance to canopy 30 to 50 cm.

Light Intensity Trimmer



Light position switch



Specifications:

- All Cree CXB3590 COB and XPE2 LED Power, 3500K, total power consumption max 100 Watt
- PPFD 700 μMol at 30cm
- 1 CXB3590 3500K White COB, 4 Cree XPGDRRY Royal Blue, 4 XPEBRD 801 Red, and 2 XPEEPR Deepred leds.
- No light losses caused by glass or plastic barriers in front of the Leds
- External waterproof power supply, no heat contribution to the Leds, power supply with 2 meter cable, easily unpluggable
- Panel size 20 cm * 20 cm * 14 cm, 8" * 8" * 6"
- Hanging kit included
- EU, USA or UK power supply included
- Reflector easily demountable for cleaning
- Solid construction, simple industrial design
- Totally silent

Warrantee:

- Your HansPanel has a 2 year full warrantee, please contact us by email if a malfunction appears.



Bonsai Hero
Hans Panel

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