

FAVEN

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INSTALLATION GUIDE 2024



# PREP & PLACEMENT

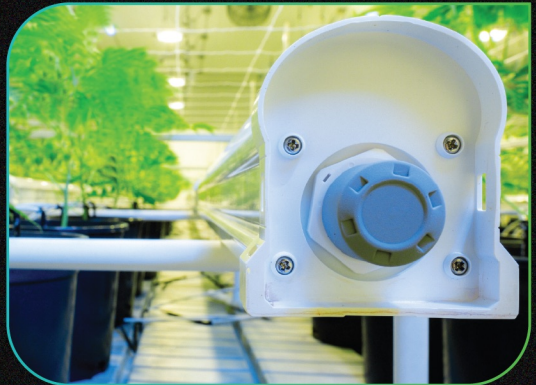
## 1. PLANT PREPARATION

1. Limit pruning on plants slated for under canopy (UC) application.
  - a. It's best to not under clear or "skirt" until a few weeks into flower. This gives growers time to observe how the plants are responding to under canopy.
  - b. A small amount of de-leafing to promote upward light penetration is beneficial.

*Error on de-leafing lightly and removing more leaves later, if needed.*

## 2. INSTALL HEIGHT

1. Be sure you have legs or a base for Faven units to rest on.
  - a. Install height will be different for each facility.
  - b. The lowest placement height should be level with the top of the substrate. The taller the plants you grow, the higher the light placement can be.



*PVC pipe stands or flipping your same size substrate container upside down are great leg alternatives.*

## 4. INSTALLING FAVEN

1. Connect lights starting on the end with the power supply.
  - a. Be sure the lights are straight and connected directly to each other.
2. Once lights are installed, place the water seal cap on the end of the last light.
  - a. The cap is a small gray piece of rubber in the bag with the power cords. This helps with waterproofing.
3. Run the accessory wire to the controller.
  - a. Set the controller to 45%-50% intensity
  - b. Set on/off time
4. Plug the power cord into the light.
  - a. Tighten the nut on the power cord until it is snug; be sure not to over-tighten.
5. Plug the Faven power cord into an outlet.



## 5. COMPATIBLE CONTROLLERS

1. Currently, Trolmaster and Vivosun controllers are the best option for the dimming and on/off capabilities.
2. While you can run the lights on a standard timer, this will eliminate their ability to dim. In our experience, dimming is a great advantage of the Faven product. If you opt for the non controller option, the best way to introduce Faven's is to slowly increase the amount of time the units are on per day. For example: Day one of flower, run the units for an hour. Day 3 of flower, increasing to two hours. Continue to increase the run time, with the goal of being at full intensity by day 18-21.

*Trolmaster: Both HydroX and HydroX Pro are compatible. Each unit will need a LMA14 lighting adapter for each line. One Trolmaster unit can support up to 150 Faven units (75 on each line). Exceeding this amount may cause units to not fully perform as intended.*

*Vivosun: Has 10% dimming increments, and can support 160 Faven units. Does not need any additional lighting adapters. Purchase on amazon.*

### **Controllers that do not work:**

*Luxx, Gavita, Spectre*

## 5. LIGHT INTENSITY

1. Day 1 of flower, turn Faven units on to 45%-50%.

a. Slowly increase the intensity to reach 100% by day 18-21 of flower.

It is not a race to full intensity. The goal is to apply light to the lower canopy early to allow lower buds to develop at the same rate as those at the top of the canopy.

b. Ramping down light intensity at the end of flower can be used to maintain the quality of the buds closest to the light.

This is not a necessity but can be used if needed.

## 6. BREAK DOWN/CLEANING

1. Harvesting plants first is the most straightforward approach for most facilities.

a. Remove lights before foaming/cleaning the room.

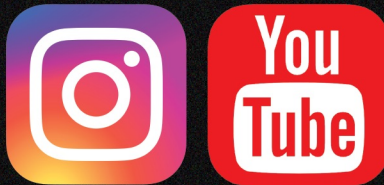
2. Unclip lights by gently lifting the joints.

3. Remove the lights from the room and stage for a wipe-down.

a. Use damp clothes with alcohol or polycarbonate-safe cleaning products.

4. Store in a safe place.

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