



# FAVEN

## UNDER CANOPY LIGHTING CUT SHEET

### SPECIFICATIONS

120 W Dimmable LED Fixture

46" Long

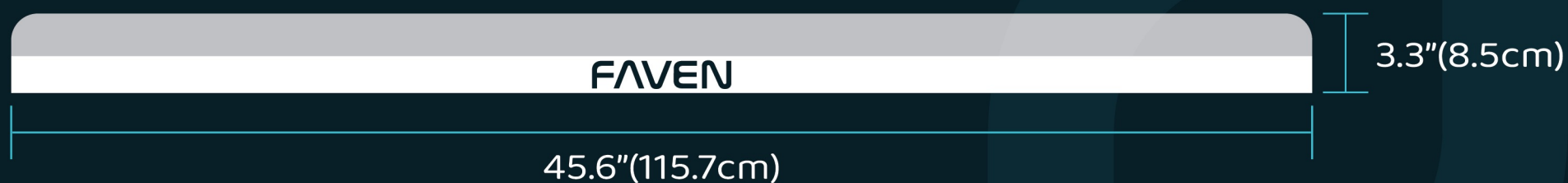
IP66 Rating

5 YR Warranty

### SPECTRUMS

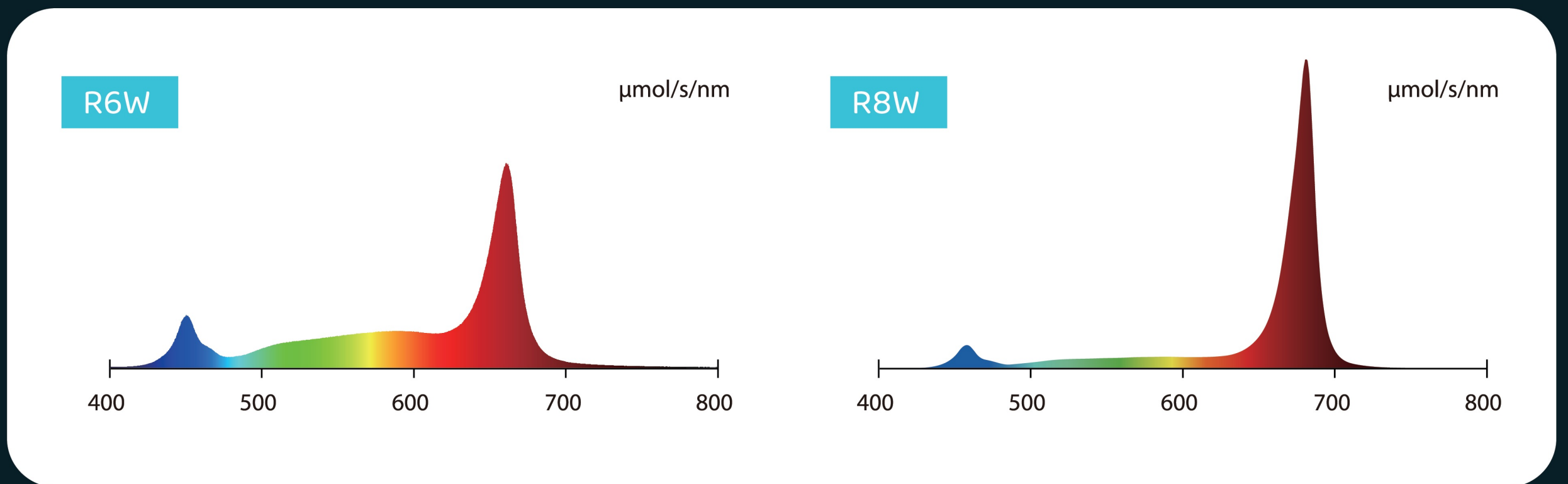
Custom spectrums geared for both LED and HID applications.

AMPS	DAISY-CHAIN MAX # CONNECTED	VOLTAGE
1.0	10	120
0.5	17	240
0.43	20	277



FOR SUPPORT:  
[INFO@FAVENLIGHTING.COM](mailto:INFO@FAVENLIGHTING.COM)

## SPECTRUMS



## TECHNICAL SPECIFICATIONS

Model	UCL 120W	Weight	5.73lb / 2.6kg
PPE ( $\mu\text{mol}/\text{J}$ )	up to 2.9	Thermal Management	Passive
PPF ( $\mu\text{mol}/\text{s}$ )	Up to 340	Operation Temperature	95°F/35°C Max
Input Power	120W	Light Distribution	120°
Input Voltage	120V 240V 277V	Daisy-Chain	Up to 20 lights
Input Current	1.0A 0.5A 0.43A	Dimming	25%-100%/OFF
Frequency	50/60HZ	Lifetime	>50000hrs
Fixture Dimensions	45.6"L x 2.9"W x 3.3"H 115.7cm*7.5cm*8.5cm	Warranty	5 year

## INSTALLATION

Please read the follow information before starting to install. Installation of this horticulture LED light shall be performed by qualified person with experience.

To mount the light fixture properly, start by identifying an appropriate support structure for the fixture to mount on. Ensure the structure can hold the whole weight of the light fixture and stable during installing and operating. Be careful when unboxing, moving and installing the light.

There are 2 options to mount the light fixture suitable for different applications:

Under Canopy Mounting: Lighting upward, providing supplemental light to the branches of plants under canopy; Above Canopy Mounting: Lighting downward, providing light on the plant canopy.



# FAQ

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## 1. Which controllers can I use to control the lights?

Currently, Trolmaster is the best option for controlling both dimming and on/off functions. One Trolmaster can control up to 155-160 lights, with one LMA-14 lighting adapter needed for every 75-80 lights.

- Compatible Controllers:
  - Trolmaster
  - Vivosun from Amazon
- Uncompatible Controllers
  - Gavita
  - Luxx
  - Spectre

## 2. How low can you dim intensity?

Faven units can dim to about 35%-40% at their lowest setting. It is best to utilize this function in both early and late flower. In early flower, we want to slowly increase intensity starting day 1 of flower and aim to be at 100% intensity by day 14/15 of flower. This eliminates any extra light stress plants can experience when introducing under canopy lighting. In late flower, reducing intensity will help protect the quality of the flower closest to the lights. We recommend starting this when plants are about two weeks from harvest. Reducing to 60%-80% is a good rule of thumb.

## 3. How do we support the light fixtures?

Currently, the cheapest and best option is to use standard plastic pots that have been turned upside down. While this may be seen as "too cheap," it's often the best option for easy and fast setup and removal post-harvest. We are working to produce leg attachments that will integrate with Faven. In the meantime, pots or PVC brackets should be used to support each joint between lights.



#### 4. What is the best height to install units?

Each grow will have a different optimal height based on how large of plants they grow. Ideally, lights are installed to sit above the container (both pots or rockwool) to mitigate any light being directed at the substrate. For example: if you grow in 2-gallon pots, then a 2-gallon pot flipped upside down will be the perfect height for those plants; if you are limited on table space, stack 1-gallon pots on top of each other until you reach the desired height.

We are working to produce leg attachments that integrate with Faven.

#### 5. How do I plug the accessory wire into the controller?

Faven units come with a female RJ11 port (phone jack) with a waterproof cap to maintain our IP66 waterproofing rating. Inside, you will find an RJ11 piece plugged into the port. Remove this piece and replace it with an RJ11 cord (phone line) that will connect to the controller.

Note: If the RJ11 piece, that comes inside the accessory wire, is inserted while Faven's power cord is plugged in, lights will stay on until the power cord is unplugged. If removed, the lights will turn off. Only until the RJ11 piece is replaced with the RJ11 cord attached to the controller will the lights function properly based on the settings on the controller.



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