

FAVEN



WELCOME TO FAVEN LIGHTING COMPANY!

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WHAT'S IN THE BOX?

EACH FAVEN BOX WILL HAVE 4 LIGHTS IN IT. THE POWER CORDS AND EXTENSION CORDS WILL BE FOUND IN THE SAME BOX AS THIS FLIER. PLEASE COUNT TO MAKE SURE THE ORDER IS CORRECT. IF THERE IS A DISCREPANCY, PLEASE CONTACT FAVEN AT [INFO@FAVENLIGHTING.COM](mailto:info@favenlighting.com) AS SOON AS POSSIBLE SO WE CAN CORRECT ANY ISSUES.

POWER CORD AND ACCESSORY WIRE

EACH BENCH WILL HAVE AT LEAST 1 POWER CORD. ATTACHED TO EACH POWER CORD IS AN ACCESSORY WIRE THAT CONTROLS ON/OFF FUNCTION AND DIMMABILITY. THE FEMALE PORT USES AN RJ11-RJ13 AND SHOULD RUN TO THE CONTROLLER OF YOUR CHOICE. *NOTE: YOU MAY NEED TO SOURCE YOUR OWN RJ CORD IF THE DISTANCE FROM BENCH TO CONTROLLER IS LONGER THAN THE RJ CORD PROVIDED BY FAVEN.*

EXTENSION CORDS

EXTENSION CORDS ARE USED WHEN THE ENDS OF TWO LIGHTS CANNOT BE DIRECTLY CONNECTED TOGETHER. MOST LIKELY, THESE CORDS WILL BE USED TO "JUMP" BETWEEN TWO ROWS OF LIGHTS ON A BENCH.

WHAT CONTROLLER SHOULD I USE WITH FAVEN?

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. A COMPLETE TROLMASTER SET-UP SHOULD LOOK LIKE THIS:

HYDRO-X (OR HYDRO PRO) - LMA14 - SPLITTER HUB - FAVEN ACCESSORY WIRES

CONTROLLERS THAT WORK

TROLMASTER

VIVOSUN (AMAZON)

CONTROLLERS THAT *DON'T* WORK

LUXX

GAVITA

SPECTRE

WHEN/HOW SHOULD I TURN ON FAVENS?

IT IS RECOMMENDED TO START USING YOUR UNDER CANOPY LIGHTS ON DAY 1 OF FLOWER. FAVEN UNITS CAN DIM DOWN TO ABOUT 45% AT THEIR LOWEST SETTING. START AT 45% FOR THE FIRST FEW DAYS OF FLOWER AND THEN SLOWLY INCREASE INTENSITY WITH THE GOAL OF ACHIEVING 100% INTENSITY BETWEEN WEEKS 2-3. IT IS NOT A RACE TO SEE HOW FAST YOU CAN RAMP FAVENS. WE ADVISE THAT SLOW AND STEADY IS THE BEST WAY TO HARDEN YOUR PLANTS OFF TO RECEIVING DIRECT LIGHT TO THEIR CANOPY. .

WHAT HEIGHT SHOULD FAVENS BE INSTALLED AT?

EACH FACILITY AND GENETIC WILL HAVE A DIFFERENT OPTIMAL HEIGHT TO PLACE LIGHTS. THIS MAY TAKE TIME TO FIGURE OUT. A GOOD STARTING HEIGHT IS TO PLACE THE BASE OF THE LIGHTS AT THE SAME LEVEL AS THE TOP OF THE SUBSTRATE BEING GROWN IN. THIS ALLOWS LIGHT TO PENETRATE UPWARDS WHILE KEEPING LIGHT FROM DIRECTLY HITTING THE SUBSTRATE.

HOW UNDER CANOPY LIGHTS CHANGE CULTIVATION WORKFLOWS

UNDER-CLEARING

PERHAPS THE BIGGEST CHANGE TO A TYPICAL CULTIVATION WORKFLOW WILL BE THE REDUCTION OF UNDER-CLEARING, ALSO KNOWN AS “SKIRTING” OR “LOLLIPOPPING.” BY LEAVING LOWER BRANCHES AND BUD SITES INTACT, YOU WILL BE ABLE TO INCREASE YOUR USABLE CANOPY DEPTH BY 2’-3’. SMALL BRANCHES AND BUD SITES THAT SITE BELOW THE LIGHT SOURCE CAN BE REMOVED. WE RECOMMEND LEAVING AS MUCH FOLIAGE ON THE PLANT UNTIL “STRETCH” OR “STACK” IS COMPLETE. THIS WILL ALLOW THE GROWER TO ACCURATELY SEE WHAT WILL TURN INTO USABLE PRODUCT AND WHAT CAN BE REMOVED. THIS PROCESS IS BEST DONE BETWEEN DAYS 22-26 OF FLOWER.

DELEAFING

DELEAFING FOR LIGHT PENETRATION IS NOT A NEW CONCEPT. HOWEVER, UC APPLICATION ADDS ANOTHER FACTOR TO THINK ABOUT WHEN REMOVING LEAVES. THE OVERALL GOAL IS TO REMOVE JUST ENOUGH LEAVES TO CREATE A MIX OF LIGHT IN THE MIDDLE OF THE CANOPY FROM BOTH TOP AND BOTTOM LIGHT FIXTURES. THIS APPROACH BLENDS THE TWO MAIN SCHOOLS OF THOUGHT WIDELY PRACTICED IN CANNABIS CULTIVATION: THE DEAD STRIP (NO FAN LEAVES) AND LEAVING AS MANY LEAVES AS POSSIBLE. WHILE REMOVING TOO MANY LEAVES IS DETRIMENTAL TO THE PHOTOSYNTHETIC ABILITY OF THE PLANT, NOT TAKING ENOUGH LEAVES BLOCKS LIGHT FROM REACHING BUD SITES LOCATED IN THE MIDDLE CANOPY. IT'S A BALANCE THAT WILL LIKELY TAKE A RUN OR TWO TO FULLY DIAL IN AND STANDARDIZED.

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PLANTING DENSITY

THE THIRD DIFFERENCE THAT IS OFTEN OVERLOOKED WHEN ADDING UC TO YOUR CULTIVATION IS PLANTING DENSITY. WHILE DENSITY GREATLY VARIES ACROSS THE INDUSTRY, A CONSTANT THAT HAS BEEN OBSERVED IS THE BENEFIT OF REDUCING PLANT COUNT WHEN ADDING UNDER CANOPY LIGHTING. THE DECREASE WILL BE DIFFERENT FOR EVERY FACILITY. LOWERING PLANT COUNT PROMOTES MORE AIR FLOW AND KEEPS BOTTOM BRANCHES FROM BLOCKING UC LIGHTS. INSTEAD OF REMOVING FAN LEAVES TO IMPROVE AIR FLOW AND UPWARD MOBILITY OF UC LIGHT, REDUCING PLANTS ACHIEVES THE SAME RESULT. LESS PLANTS ALSO MEANS REDUCTION IN LABOR FROM THE NURSERY THROUGH POST PRODUCTION. REDUCING PLANT COUNT CAN BE A SCARY THOUGHT, WE RECOMMEND STARTING WITH A SINGLE TRIAL TABLE AND COMPARING RESULTS. IN ALMOST ALL CASES, LOWER PLANT DENSITY OUTWEIGHED CONTROL TABLES.

**SCAN FOR
PRODUCT SPECIFICATIONS AND FAQ**



**FOR ADDITIONAL SUPPORT EMAIL:
INFO@FAVENLIGHTING.COM**