



USER MANUAL

WELCOME TO THE FAMILY

CONGRATULATIONS ON PURCHASING THE MOST ADVANCED LED GROW LIGHT IN THE INDUSTRY, THE KIND LED X². This guide will show you how to setup and use your X² LED fixture. Please review the entire manual prior to operation.



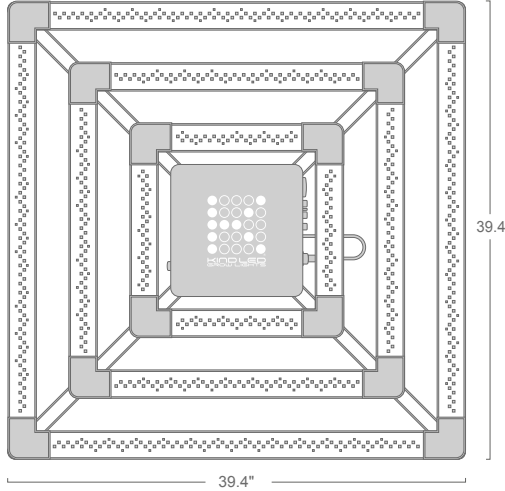
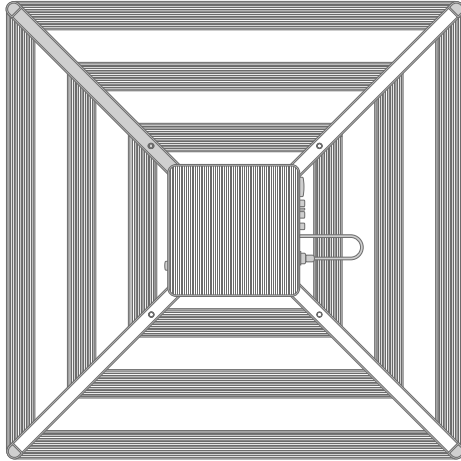
GROW STRONG SUPPORT

Phone: 1-855-448-4769
Web: support.growstrongindustries.com

TABLE OF CONTENTS

OVERVIEW	2
SET UP	3
BEST PRACTICES	4

OVERVIEW



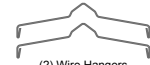
COMPONENTS



Kind LED X² Driver



5 ft. 120V Power Cord



(2) Wire Hangers

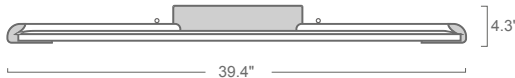


(2) Driver Mounting Bolts

SPECIFICATIONS

Spectrum	3 Channel - Fully Adjustable
Diodes	OSRAM OSOLON & DURIS
Efficacy	2.7umol/J
PPF	2050umol/s
Driver	Mean Well
Max Wattage	775 +/- 5%
Input Voltage	120-277V
Amperage	6.46A @ 120V / 3.23A @ 240V
Lifetime	75,000 Hrs.
Dimensions	39.4" x 39.4"
Cord Length	5"
RMH	+/- 12"
Warranty	5 Year
Certifications	FCC, ETL, DLC

PROFILE



SET UP

- 1 Remove contents from the light box and the driver box. Be careful to set the light down on a flat surface, as not to directly touch any diodes.

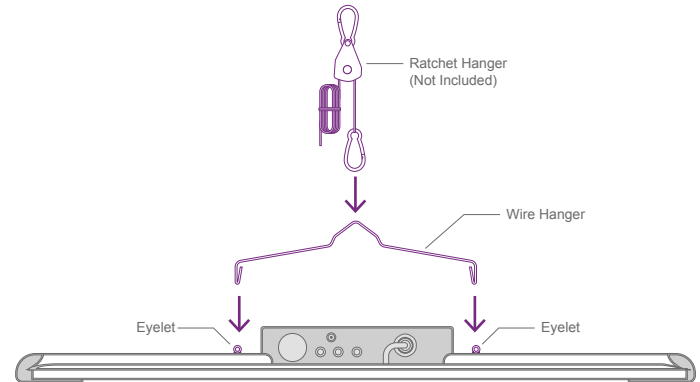
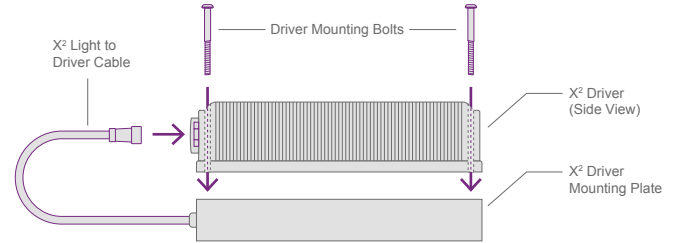
CAUTION: The LED boards have a conformal coating to resist moisture, but are vulnerable to diode damage if handled improperly. Please make sure LED surfaces are protected from abrasion while handling.

- 2 Match up the two holes on the driver with the two holes on the light. Using a Phillips screwdriver, attach the driver to the light with the two bolts. Fasten tightly until driver is secure. **Do not use power tools.**

- 3 Once the driver is mounted, plug in the cable extending from the X² fixture to the driver.

- 4 Attach the provided wire hangers to the eyelets on the top of the X². If using ratchet hangers (not included), attach them to the center of the wire hangers. Once connected, raise the light to the desired position.

NOTE: Your Kind LED X² comes with a 5 ft., 120v standard power cord. For alternative power cord recommendations please contact a Kind LED Grow Lights customer service representative to assist in your selection.



BEST PRACTICES

ENVIRONMENT

When using the Kind LED X², ideal grow room temperature should be 80-85°F. Temperatures lower than the recommended range can slow transpiration, stunting growth. Temperatures higher than the recommended range can cause heat stress to the plant.

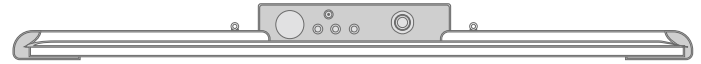
NOTE: High PPFd growing conditions require high levels of attention to detail including proper feeding and CO₂ augmentation. For more information, please visit kindledgrowlights.com

RECOMMENDED HANGING HEIGHT

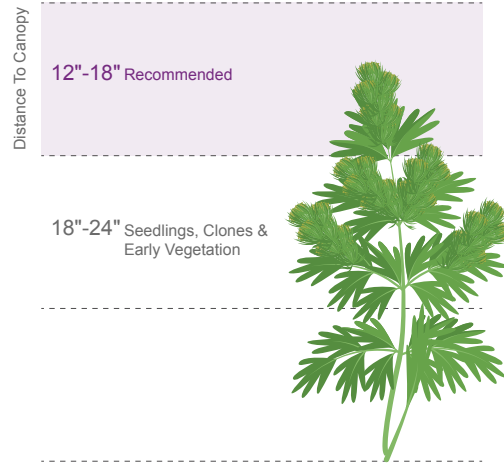
The Kind LED X² is designed to excel in close proximity environments but can be used in a variety of applications. For best practices, a minimum fixture height of 6" above the canopy is recommended. The ideal recommended hang height above canopy is 12" to maintain the greatest intensity over the largest footprint. To maintain usable intensity at a greater distance and larger, a maximum of 18" above the canopy is recommended. For applications that require less intensity such as Cloning Stages and early Vegetative Stages, a distance from canopy greater than 18" may be suitable.

*ADVANCED GROWING PRACTICES

For growing practices that include CO₂ augmentation, expert attention to feeding practices and nutrient levels, and a rigid adherence to environmental factors, a minimum hang height of 6"-12" can be achieved. This hang height represents highly elevated PPFd intensity levels and requires care across all elements of the growing process.



6"-12" Advanced Growing Practices*



BEST PRACTICES

SPECTRUM

The Kind LED X² has a three channel, adjustable spectrum to maximize your results and the overall efficiency of the light. Below are the recommended settings for all stages of growth.

White/Blue/Red Dials can be set at any increment ranging from 0-100%

Clone/Early Veg: 50W/50B/30R

Vegetative: 100W/100B/60R

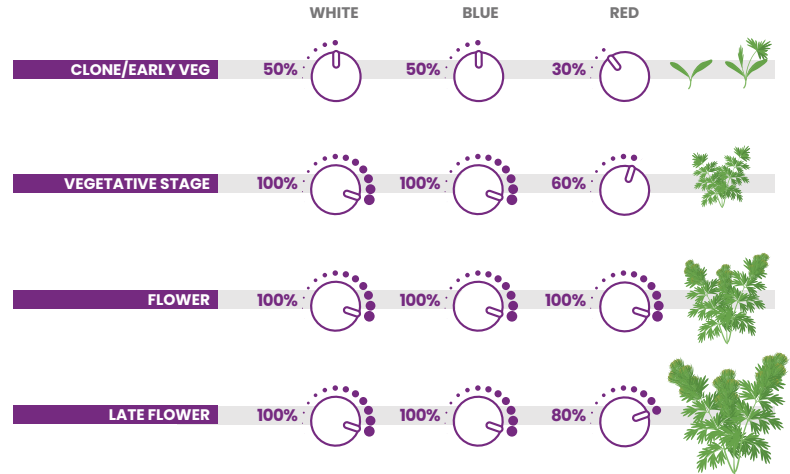
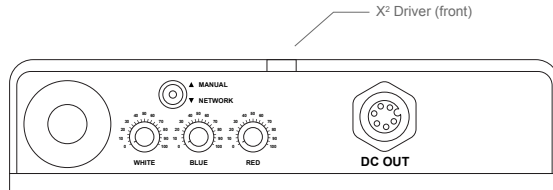
Flower: 100W/100B/100R

Late Flower: 100W/100B/80R

MANUAL & NETWORK MODES

Place the switch in manual mode for any situation in which you would like to control the spectrum using the on-board dimming knobs and/or when you will be using an external timer for photo period control. Place the switch in "Network" if you will be controlling your light from our Bluetooth gateway (sold separately). *NOTE: The Bluetooth gateway will be available for purchase soon. Please contact our sales department for further details.

Please see the chart for recommended intensity levels.



YOU'RE READY TO GROW STRONG

For more information on this fixture and all available options, contact a Kind LED Grow Lights customer service representative at kindledgrowlights.com or call (855) 448-4769.



**WE WANT TO SEE YOUR GROW!
FOLLOW & TAG US ON INSTAGRAM:**

@kindledgrowlights #kindledgrowlights



**LEARN MORE ABOUT THIS LIGHT
& OTHER PRODUCTS:**

kindledgrowlights.com

FCC COMPLIANCE STATEMENT

The Kind LED X Series lighting system has been tested at FCC-certified laboratories in the United States and conforms to FCC's Part 15B Consumer Standard for Industrial, Scientific, and Medical Equipment for both conducted and radiated emissions.

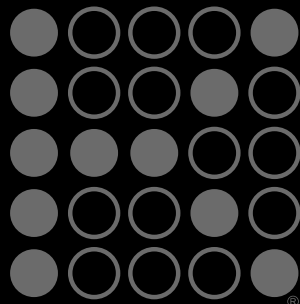
Given that all electronic equipment emits some RF energy, please note that compliance with these standards does not mean a zero level of emission, only very low levels.

Per FCC requirement: This product may cause interference to radio equipment and should not be installed near Maritime safety communications equipment or other critical navigation or communication equipment between 0.45-30 MHz. This device complies with Part 15B of the FCC Rules.

Changes or modifications not expressly approved by Kind LED could void the user's authority to operate the equipment.

Please visit www.KindLEDGrowLights.com for a complete documentation of the Kind LED Lighting Terms of Use. Thank You.





KINDLED®
GROW LIGHTS