



X220 | X330 | X420

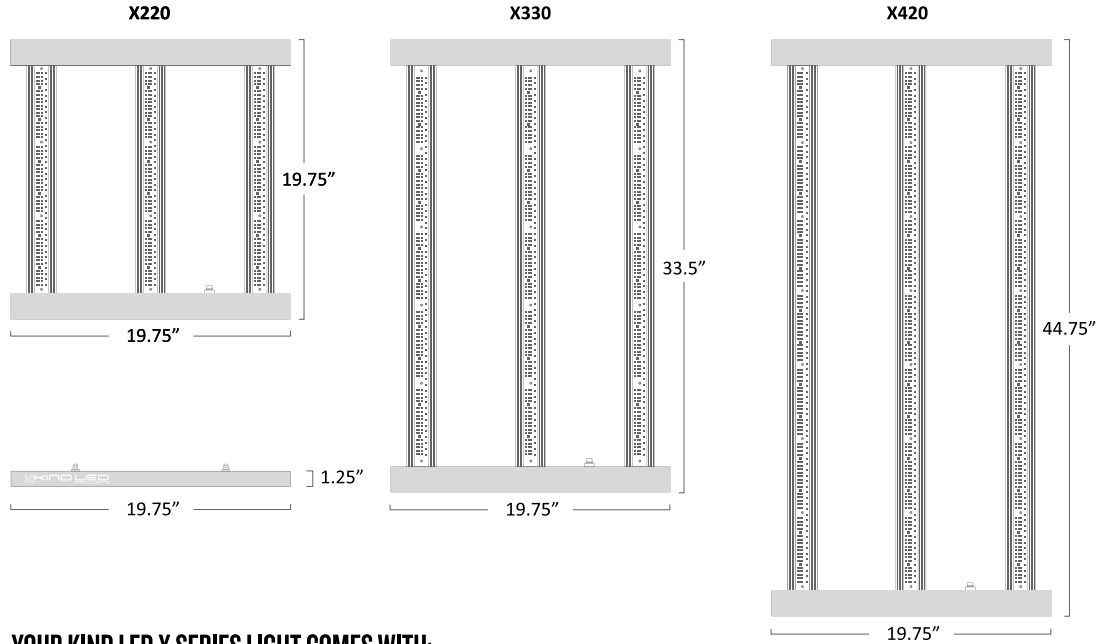
## SET UP GUIDE



## CONGRATULATIONS ON PURCHASING THE MOST ADVANCED LED GROW LIGHT IN THE INDUSTRY!

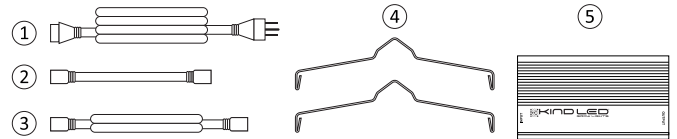
This guide will show you how to set up and use your X SERIES LED fixture.  
Please review the entire manual prior to operation.

## OVERVIEW



### YOUR KIND LED X SERIES LIGHT COMES WITH:

1. 6' 120v power cord
2. 6" DC output cord (Installed)
3. 3' DC output cord (For mounting Driver remotely)
4. Wire hangers
5. Driver (Mounted to fixture)



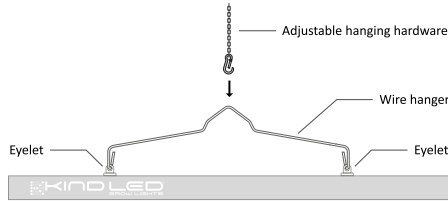
# GETTING STARTED

Your KIND LED X SERIES comes fully assembled, ready to grow. Unpackage your fixture and place your light on a safe and stable area directly below your desired hanging location.

**CAUTION: The LED boards on your light 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.**

Attach one wire hanger to each end of the light fixture through the metal mounting eyelets found on the top side of the fixture.

Lower your adjustable hanging hardware (not included) to the center of the wire hanger. Once connected, raise the light to the desired position.



# POWER CORDS AND CABLES

## POWER CORDS

Your KIND LED X SERIES comes with a 6', 120v standard power cord, as well as a 6" (installed) and 3' DC output cord. For alternative power cord recommendations, please contact a KIND LED Grow Lights customer service representative to assist in your selection.

## DRIVER

The driver for your KIND LED X SERIES is capable of being mounted remotely. First, disconnect the 6" DC Output cord from the fixture and the driver. Remove the four (4) mounting screws with a Phillips-head screwdriver. Securely mount the driver in its new location (within 3') and connect the 3' DC Output cord to both the fixture and the driver.

# BEST PRACTICES

## SPECTRUM ADJUSTMENT

The spectrum and intensity of your light can be manually controlled through the rotary dials on the front of the driver. Channel 1 is a full spectrum channel and should always be on. Intensity of this channel will vary for clones, seedlings, and younger plants, but will likely be tuned to 100% for most stages of growth. The second channel contains the IR and UV, as well as some additional reds for an enhanced flowering spectrum. Please see the chart below for recommended intensity levels during flowering.

WEEK	1	2/3	3/4	5/6	7/8
PERCENTAGE	0%	25%	50%	75%	100%

## ENVIRONMENT

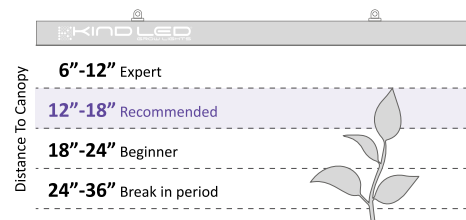
When using the KIND LED X SERIES, ideal grow room temps should be around 80-85°F. Any lower than this and transpiration can slow, stunting growth. Any hotter than this and heat stress can form.

**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](http://kindledgrowlights.com)**

## RECOMMENDED HANGING HEIGHT

The KIND LED X SERIES is designed to excel in close proximity environments but can be used in a variety of applications. For best practices, a minimum 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, a maximum hang height of 18" above the canopy is recommended.

For applications that require less intensity such as Cloning Stages and early Vegetative Stages, a hang height greater than 18" above canopy may be suitable.



# YOU ARE READY TO GROW!

For more information on this fixture and all available options, contact a KIND LED Grow Light customer service representative at [KindLEDGrowlights.com](http://KindLEDGrowlights.com) or call (855) 559-5463.

# SPECIFICATIONS

	X220	X330	X420
Spectrum	2 Channel	2 Channel	2 Channel
Efficacy	2.55umol/J	2.55umol/J	2.55umol/J
PPF	561umol/s	841umol/s	1071umol/s
Max Wattage	220 +/- 5%	330 +/- 5%	420 +/- 5%
Input Voltage	120-277V	120-277V	120-277V
Diodes	Osram & Philips	Osram & Philips	Osram & Philips
Lifetime	100,000 Hrs.	100,000 Hrs.	100,000 Hrs.
Dimensions	19.75" x 19.75"	19.75" x 33.5"	19.75" x 44.75"
Cord Length	6'	6'	6'
RMH	+/- 12"	+/- 12"	+/- 12"
Warranty	5 Year	5 Year	5 Year
Certifications	FCC, ETL	FCC, ETL	FCC, ETL

# GROW STRONG.



LEARN MORE ABOUT THIS LIGHT AND OUR OTHER PRODUCTS: [KINDLEDGROWLIGHTS.COM](http://KINDLEDGROWLIGHTS.COM)



WE WANT TO SEE YOUR GROW! TAG US ON INSTAGRAM: @KINDLEDGROWLIGHTS



## 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](http://www.KindLEDGrowLights.com) for a complete documentation of the KIND LED Lighting Terms of Use. Thank You.

