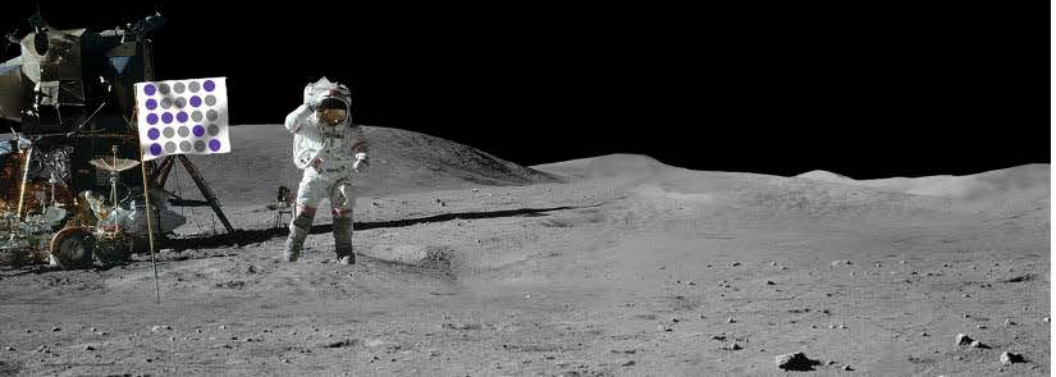
KIND LED GROW LIGHTS

K5 SERIES INSTRUCTIONS



KIND LED GROW LIGHTS

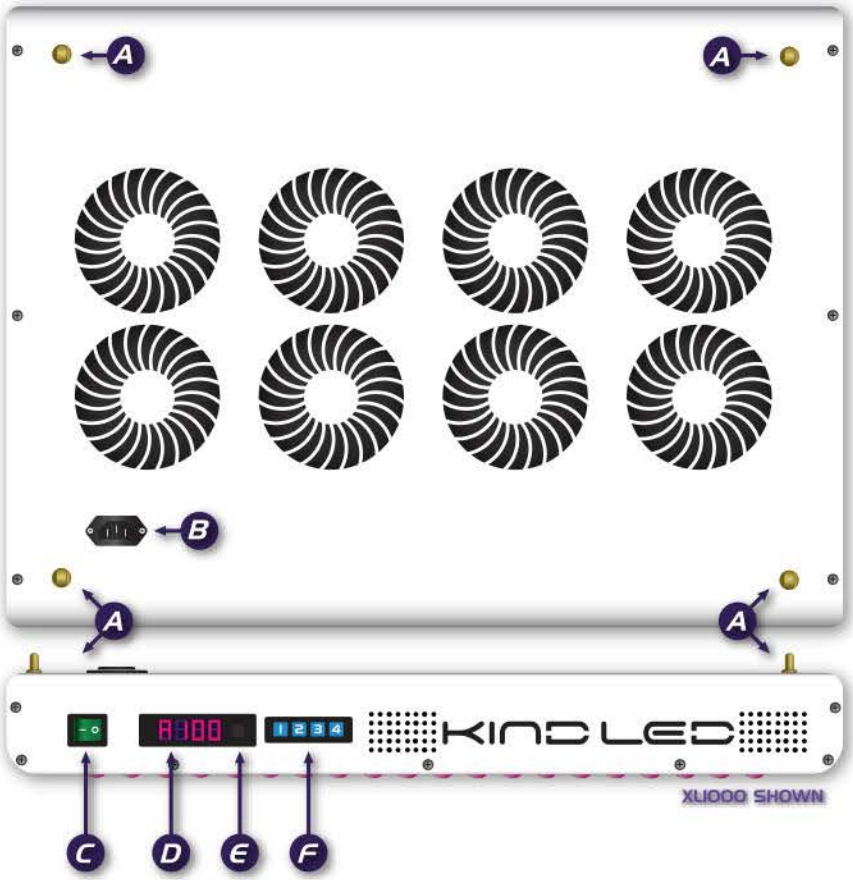
THANK YOU

You have just purchased the best, most complete spectrum grow light the industry has ever seen. The K5 series LED grow lights are comprised of a high powered yet efficient mix of 3 and 5 Watt Light Emitting Diodes featuring a proprietary intensified spectrum designed for flowering large yields.

This revolutionary series of LED grow lights will produce the biggest and best yields, while consuming approximately half the electricity of its HID counterpart and producing virtually no heat. Your Kind LED Grow Light will cultivate record breaking yields, both in quantity and quality, while running quieter, cooler, and more efficiently than any other grow light. **Guaranteed.**

SPECIFICATIONS	XL750	XL1000
Housing Size	23" x 17.3" x 3"	26.3" x 19.5" x 3"
Diode Count	208pcs	320pcs
Actual Power Draw	430 watts	630 watts
LED Type	Single 3w and 5w Chips	Single 3w and 5w Chips
Operating Frequency	50/60 Hz	50/60 Hz
Current Input	700ma	700ma
Input Voltage	110 - 277 Volts	110 - 277 Volts
Life Span	50,000 Hours	50,000 Hours

K5 OVERVIEW

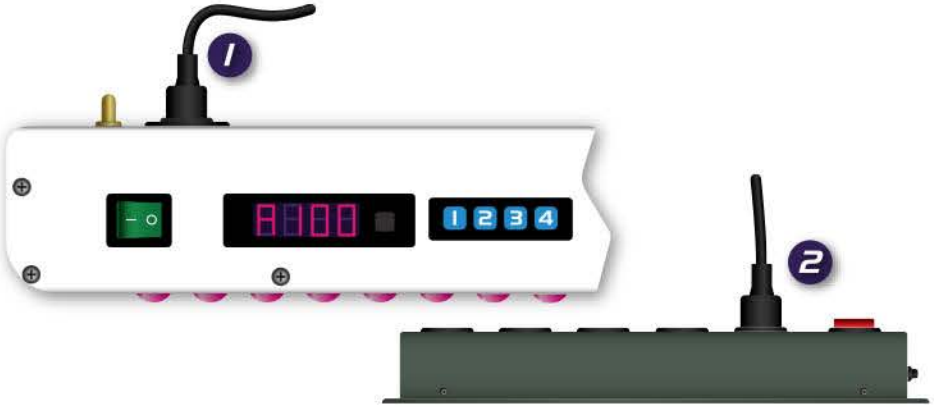


- **A** Brass hanging anchor
- **B** Power cord inlet
- **C** Power switch
- **D** Digital display
- **E** RF sensor
- **F** Manual controls

QUICK SET UP

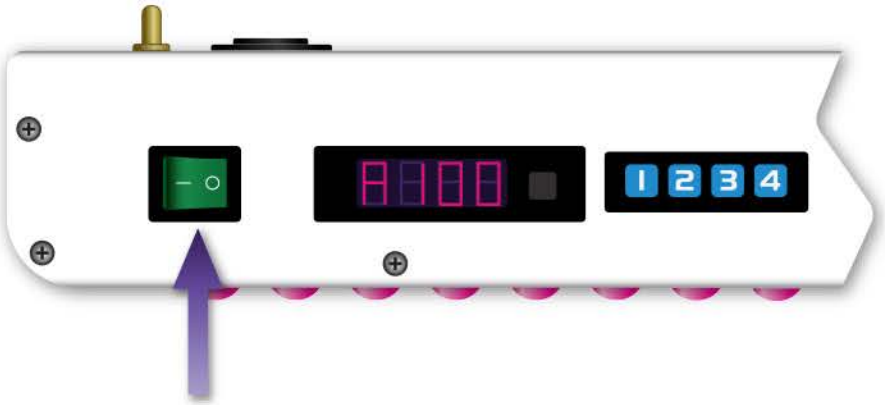
1 The included hanging hardware is easy to install and requires no tools. Simply attach the clips on the ends of the wire hangers to each of the four gold hanging anchors on top of the light.

2 **IMPORTANT:** Insert the power cord into the top of your KIND light first and then into a properly grounded power receptacle. Please make sure that all power requirements are considered if running multiple lights on one circuit.
(Consult an electrician if you are unsure)



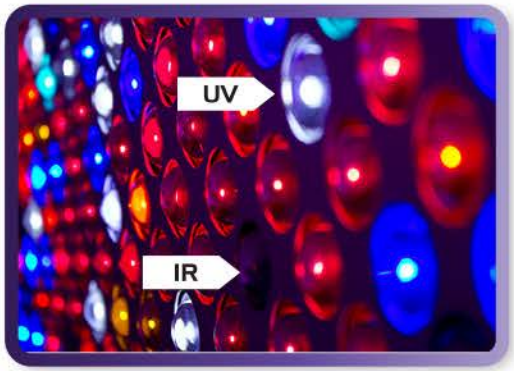
3

Your light is now ready to be turned on via the green switch on the side of the light.



4

There are certain diodes that emit Infrared light and others emit UV light. The IR diodes appear to be off and the UV diodes emit a dull blue light. Do not be alarmed as these diodes are on, working properly, and doing their job.

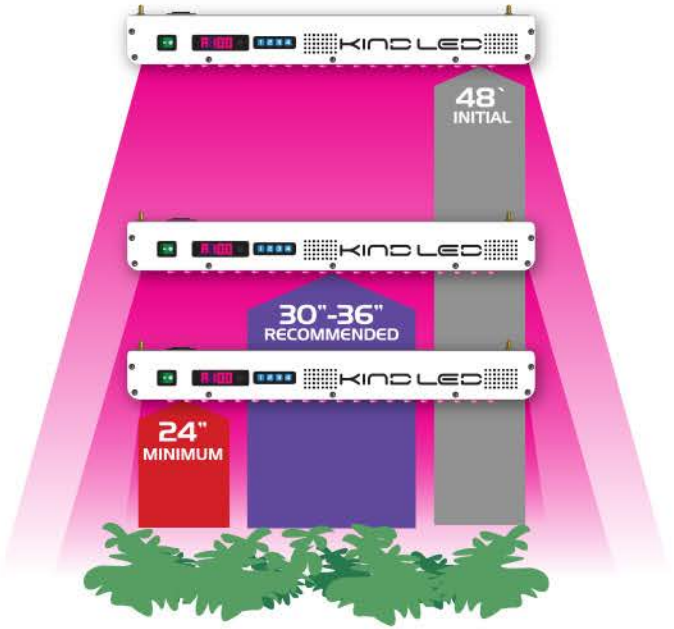


5

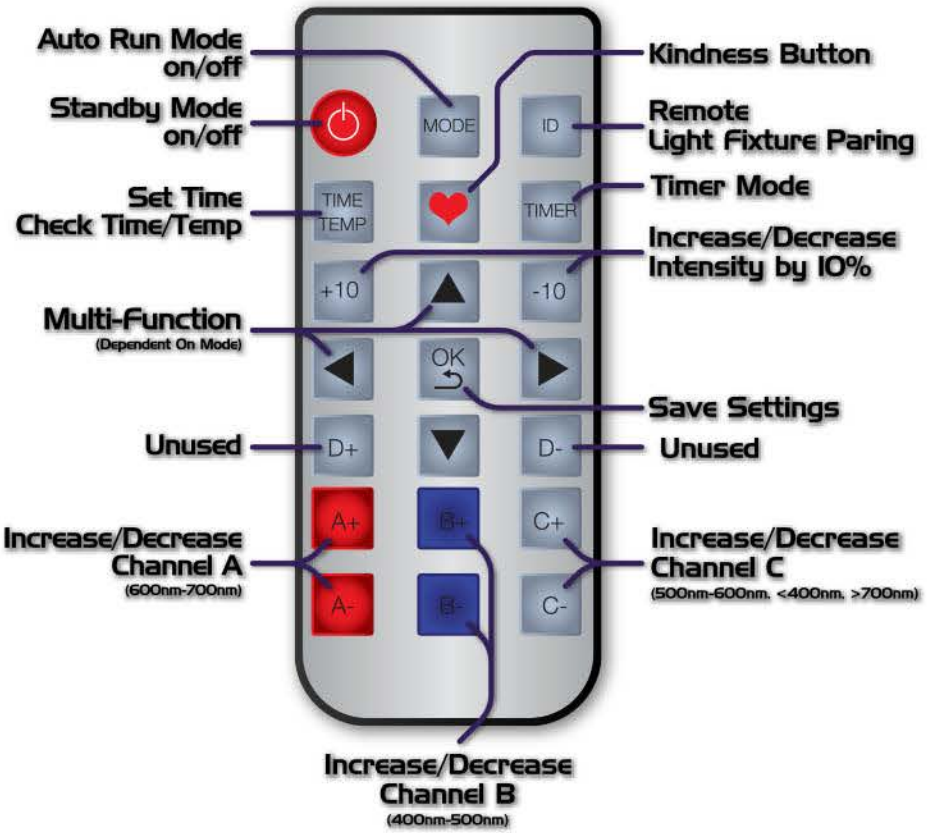
Your light should be positioned above the plant canopy at a distance that creates your ideal coverage area. The further away from the canopy the light is positioned, the bigger the coverage area. However, this will also lessen the light's intensity.

Initially the light needs to be 48" above the canopy for a 3-7 day acclimation period. After this the recommended height is 30"-36" above the canopy. While all plants are different, we suggest keeping minimum distance of 24" between light and canopy.

Please refer to the FAQ regarding additional information about your KIND LED GROW LIGHT.



REMOTE OVERVIEW



POWER ON/OFF

This button will place your light in standby mode by turning off all of the diodes. While in this mode, fans will continue to run to ensure the electronic components in the light are protected from harmful moisture. To turn light off completely, use green switch on side of light. Press button again to exit standby mode.

Hazard Protection & Temperature Regulation:

- In the event that your light loses power due to outage, timed settings will be saved via internal battery supply. Settings will be retained for up to 30 days of outage.
- In the unlikely event that diode temperature exceeds 158 degrees Fahrenheit, your panel will shut off automatically.

Note: The default display of your Kind LED Grow Light shows the current channel and intensity percentage.

Please refer to the FAQ regarding additional information about your KIND LED GROW LIGHT.

PAIRING REMOTE

Your Kind remote is universal. It should automatically link to any Kind light you own. In the event that one or more of your Kind LED lights are not responding, complete the following steps to sync IDs.

Assigning Light Fixture ID

1. From the default display screen, press TIME TEMP twice
2. Press ID
3. Scroll through available IDs by pressing ◀ ▶
4. Press OK to save ID

Assigning Remote ID

1. From the default display screen, ID press twice
2. Scroll through available IDs by pressing ◀ ▶
3. Locate same ID saved to Light Fixture
4. Press OK to save ID

SETTING THE CLOCK

Setting The Clock With Remote

Enter clock set mode by pressing TIME TEMP

Clock is set to 24 hour time
Ex: *11pm is displayed as 23.00*

To change hour, press ◀ ▶

To change minute, press ▲ ▼

Once clock is set to current time of day, press TIME TEMP again to enter temperature display

Press TIME TEMP a third time to return to default channel/intensity display

Setting The Clock With Light Fixture

Press and hold 4 to enter clock set mode

Clock is set to 24 hour time
Ex: *11pm is displayed as 23.00*

To change hour, press 1

To change minute, press 2 3

Once clock is set to current time of day, press 4 again to enter temperature display

Press 4 a third time to return to default channel/intensity display

ADJUSTING INTENSITY

Your Kind LED panel is divided into 3 spectra channels. The default light setting displays the current channel and intensity on a percentage scale from 1 – 100.

Channel A: 600nm – 700nm (Red)
Channel B: 400nm – 500nm (Blue)
Channel C: 500nm – 600nm, <400nm, >700nm (Other)

Manual Intensity Adjustment With Remote

All 3 channels can be increased/decreased in 1% increments simultaneously by pressing. ▲ ▼

All 3 channels can be increased/decreased in 10% increments simultaneously by pressing +10 -10

Alternatively, each channel can be increased/decreased independently in order to accommodate the lighting needs of specific varietals of plants.

Channel A Increase/Decrease: A+ A-

Channel B Increase/Decrease: B+ B-

Channel C Increase/Decrease: C+ C-

Press OK ↵ to save intensity adjustments

Manual Intensity Adjustment With Light Fixture

Select desired Channel by pressing. 4

Increase Intensity/Brightness by pressing. 2

Decrease Intensity/Brightness by pressing 3

Press 1 to save intensity adjustments

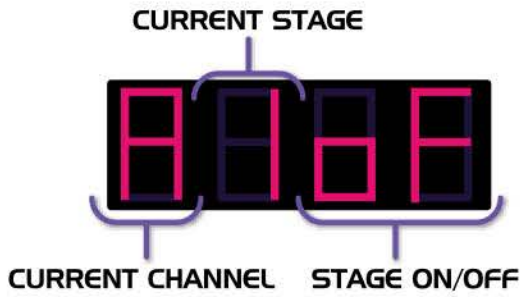
⚠ *Please view the programming video prior to setting up timers. Link & QR code can be found in the FAQ.*

TIMER MODE

Your Kind LED Grow Light comes equipped with an 8 stage internal timing mechanism. This gives you the ability to independently run each of the 3 channels on a timed 24 hour lighting schedule. You can set both lighting duration and diode intensity for each stage and each channel, allowing you to recreate an ideal, natural growing environment, from sunrise to sunset, for your specific variety of plants. *Alternatively, 2 stages can be set to program a standard on/off timer.*

Note: Clock must be set in order for Timing Mode to function properly.

TIMER MODE DISPLAY SCREEN



Setting Timer With Remote

Press TIMER to enter Timer Mode

In Timer Mode:

Press ◀ to cycle through channels

Press ▲ to cycle through stages

Press ▶ to toggle timing stage on/off

To Set A "Light On" Time:

Select desired channel and stage to program and activate

Press OK to confirm

Display now shows a clock set to 0.00

Press ◀ ▶ buttons to change minutes

Press ▲ ▼ buttons to change hour *(clock is set to 24 hour time)*

Once set to desired "on" time, press OK to save setting

Display now shows intensity percentage

Press ▲ ▼ to adjust intensity percentage to desired brightness

Once set to desired brightness, press OK to save setting

Your Kind LED will now turn channel A on at your designated time, and at your designated brightness. Repeat process for channels B & C of Stage 1. These channels can be set to the same intensity, different intensity, or no intensity, depending on your growing preference.

To Set A "Light Off" Time:

Select any stage greater than your "light on" stage.
Activate timing stage by toggling to "on"
Set timing clock to desired off time
Set Intensity to 0
Your light will then turn off at this time

You can activate anywhere from 2 to 8 stages. **A timing stage must be toggled to "on" in order to function. Your final timer off stage should always be toggled to "on" and have the intensity set to 0, so that the light shuts off at the end of the timing schedule.**
By setting all 8 stages, you can replicate a natural growing day by beginning timing at stage 1 with a low intensity (sunrise), gradually increasing intensity through stages 2&3, maximizing intensity through stages 4&5 (midday), and then slowly decreasing through stages 6, 7, & 8 (sunset).

Special Note: Your Kind light comes equipped with a special Kindness button. Aim at plants and press to inject extra love and kindness into your grow.

Setting the Timer with Light Fixture

Press and hold [1] to enter clock set mode

In Timer Mode:

Press [4] to cycle through channels

Press [3] to cycle through stages

Press [2] to toggle timing stage on/off

To Set A "Light On" Time:

Select desired channel and stage to program and activate.

Press [1] to confirm.

Display now shows a clock set to 0.00

Press [2] [3] buttons to change minutes

Press [4] button to change hour *(clock is set to 24 hour time)*

Once set to desired "on" time, press [1] to save setting

Display now shows intensity percentage

Press [2] [3] to adjust intensity percentage to desired brightness

Once set to desired brightness, press [1] to save setting

Refer back to for remainder of timing instructions.

AUTO RUN MODE

Your Kind LED grow light comes equipped with a preconfigured 8 stage timing cycle. This cycle offers 18 hours of light at an intensity of 20% or greater. It is configured to generally satisfy the vegetative requirements of most plant species. If the specific needs of your particular plants do not match that of Auto Run Mode, you should instead follow the Timer Mode instructions to configure your own ideal daily timed cycle.

Press [MODE] to activate Auto Run Mode

Display periods will flash during Auto Run

Press [MODE] again to exit Auto Run Mode

NOTE: If you press the "MODE" button in the middle of the auto run cycle (for example during the dark cycle after 10am / 1000hrs) you will have to wait until the next scheduled time setting (4pm / 1600hrs) for your light to adjust automatically. If you do not want to wait for your next scheduled timer, exit auto run by pressing "MODE," manually adjust your light to reflect the desired intensity (for example set all spectrum intensities to 0/0/0) and put your light back into auto run by pressing"MODE." This will ensure your light stays in the dark cycle until the first timer starts at 4pm / 1600hrs. This will kick start your light into the auto run mode, and it will run its cycle from here on out.

AUTO RUN TIME & INTENSITY SCHEDULE

TIME	CHANNEL 1 (RED)	CHANNEL 2 (BLUE)	CHANNEL 3 (WHITE)
10:00 AM	0%	0%	0%
4:00 PM	5%	5%	5%
4:15 PM	5%	10%	10%
4:30 PM	10%	15%	15%
5:00 PM	15%	30%	30%
5:30 PM	25%	45%	45%
6:00 PM	35%	60%	60%
6:30 PM	45%	80%	80%
7:00 PM	65%	100%	100%
8:00 PM	70%	100%	100%
9:00 PM	75%	100%	100%
11:00 PM	80%	100%	100%
12:00 AM	100%	100%	100%
3:00 AM	80%	100%	100%
4:00 AM	75%	100%	100%
5:00 AM	70%	100%	100%
7:30 AM	65%	80%	80%
8:00 AM	55%	60%	60%
8:30 AM	40%	45%	45%
9:00 AM	30%	30%	30%
9:30 AM	20%	15%	15%
9:45 AM	15%	10%	10%
10:00 AM	0%	0%	0%

Please refer to the FAQ regarding additional information about your KIND LED GROW LIGHT.

SPECTRUM TUNING

This section will help you in the process of evaluating which spectrums will be best suited for each stage of plant growth.

Note: All spectrums mentioned wil be in an A/B/C channel configuration. So a 20/80/80 would be 20% Red (Channel A), 80% Blue (Channel B), and 80% White (Channel C).

1. **Seedlings -** Due to the tender nature of seedlings, you will want to tune your light down quite a bit for this stage of life. Once a seed has broken the surface, we recommend a break-in period of about a week where the light will be in the range of 15/30/30. Once the seedling has been above ground for about a week, the first set of true leaves should be present. At this point the intensity of the spectrum can be marginally increased. We suggest a 30/60/60 at this point. Once your plant has two or more true sets of leaves, you can set your light to the Vegetative spectrum below.

2. **Clones -** Clones are a little bit hardier than fresh seedlings, but still need to be given gentle light as they are completely root-less when first cut, and need to conserve energy and moisture to transition into a rooting stage. We have had great success with rooting clones at 25/45/45.

3. **Vegetative -** In this stage, the deeper red spectrums are utilized less by the plant than when it is in flower and uses high levels of blue light that are essential for creating lush, thick plants that have tight internodal spacing and very little stretching. This is the same spectrum that will be used for plants that you don't want to flower, such as leafy greens, basil, and mircogreens. For this stage, we recommend using a 30/60/60, 45/80/80, or 60/100/100 depending on the type of plant and its light use requirements.

4. **Flowering -** At this stage, the plant has a lot of work to do and is preforming many complex biological processes in producing flowers and/or fruits. Because of this, the plant now requires large amounts of light in all categories. For high use plants, we like to run full power with a 100/100/100. For lower light use plants, dialing back all spectrums equally can achieve the proper amount of light while maintaining proper spectrum.

5. **Late Flower -** In this stage most rapid development has stopped and the plant is gearing up for the stage in which the large flowers and fruits will mature or ripen. During this stage, the blues can be dialed back to a 100/70/100 in order to mimic those late days of summer and conserve a little extra power in the process.

FAQ

Q: How close should my light be to the top of my plant canopy?

A: Due to the massive amount of light that Kind LED lights emit, the recommended hanging height above your plants is 30-36". Some high light use strains will be able to tolerate closer hanging heights, but we recommended that the light not be set closer than 24".

Q: Can I transfer plants from HPS or Fluorescents straight to my new Kind LED?

A: You most certainly can, but due to the fact that LED lights put out a very different type of light, it will take a few days for your plants to adjust to the new light. During the first few days, you may experience some bleaching on the uppermost leaves of your plant. This can be minimized by hanging the light 48" away from your plants for the first 3-7 days until they are used to the new light.

Q: How can I find my light's sweet spot in terms of hanging height above the canopy?

A: We suggest starting with the light at 48" for the first 3-7 days. After this initial break in period, the light can be lowered down, 6" at a time, until you reach 30". If any discoloration or twisting happens on the leaves, raise the light back up 6". This should be the height you maintain through the plant's life cycle.

Q: Some of the new leaves on my plant seem to be twisting or appear to be bleached. What's growing on?

A: This can be caused by your light being too close to the plants. Try moving the light up about 6"-12". You should see these signs disappear within a few days and normal healthy growth begin again.

Q: The footprint of my light does not look as big as the advertised footprint on the website.

A: Our advertised footprints are achieved only when the light is hung from our recommended hanging heights. The closer the light is to the canopy, the smaller the footprint will be. Our stated footprint sizes are for average light use plants. If growing high light use plants, the effective footprint will be slightly smaller.

Q: Can your lights run on 240v?

A: Yes! Kind LED lights can run safely on voltages ranging from 110v all the way up to 277v. The cord will need to be changed out to accommodate the different voltages, but this will be all you need!

Q: In a world of purple, should I be wearing protective glasses?

A: We always recommend that people use protective eye wear in any indoor gardening room. HPS, MH, and LED all emit huge amounts of light, and just like the sun, can be hard on your eyes. We here at Kind LED suggest a protective and color corrective pair of shades like the ones created by our friends over at Method 7. They have LED specific models that can be purchased directly from a Kind LED representative.

Q: I've heard LEDs require slightly higher room temps, is this true?

A: Yes, due to the fact that LEDs have much less radiant heat coming from the light, the surface temperatures on leaves under LED lights can be 10-15 degrees cooler than compared to HPS. This can cause transpiration rates and metabolic processes in the leaf to slow down. Raising ambient room temperatures up to 82-85 degrees will allow the plant to thrive in a perfect environment.

Q: Can I still use CO2 in my room with my Kind LED?

A: Absolutely! One of the greatest benefits of higher room temps when growing with LEDs is that the plants ability to assimilate CO2 greatly increases when temps are raised to 82-85 degrees. In fact, it is widely believed to be the ideal temperature for this process to take place, meaning your plants are fully utilizing that tank of gas that was such a pain in the butt to drag into your grow room.

Q: After a power outage, does my light come back on or stay off?

A: This is a user preference. The light has an internal memory that will revert the light to its last manually saved setting. If you prefer the light to come back on at a certain intensity after a power outage has occurred, manually adjust your light to reflect this intensity using the A, B and C buttons. Once the light is at the desired intensity press the "OK" button twice. After this is done, simulate a hard power off or power outage by unplugging your light and plugging your light back in. You will now notice that when your light powers up it is the same intensity as you last manually entered.

Q: Why aren't my spectrum settings staying set?

A: The "OK" button must be pressed in order to save all manually entered settings. When setting your spectrums to a desired percentage, the "OK" button must be pressed to lock the setting into the lights memory.

Q: Why aren't my timers staying set?

A: The "OK" button must be pressed in order to save all manually entered settings. Make sure that when you are setting up your timers to press OK after each new setting is entered. The complete process is as follows: Turn timer on. Press "OK" to save setting. Select the desired time (military time). Press "OK" to save setting. Select your desired intensity for Channel A. Press "OK" to save setting. Select your desired intensity for Channel B. Press "OK" to save setting. Select your desired intensity for Channel C. Press "OK" to save setting. Makes sense, yea?

Q: I pressed the auto run button why isn't my light doing anything?

A: If you press the "Mode" button in the middle of the auto run cycle (any time after 4pm or 1600hrs) you will have to wait until the next scheduled time setting for your light to adjust automatically. If you do not want to wait for your next scheduled timer, exit auto run by pressing "Mode," manually adjust your light to reflect the desired intensity and put your light back into auto run by pressing "Mode." This will kick start your light into the auto run mode, and it will run its cycle from here on out.

Q: What does the Heart Shaped Kindness button do?

A: When pressed the heart shaped "Kindness" button sends down a Grow Angel from Growhalla, the magical garden in the sky, to play Pink Floyd's "Dark Side of the Moon" to your plants in their dark hour (this only happens when you are not around).

(Serious Answer): The heart shaped button used to be a way to reset your light to the factory default settings. Since this button is pretty centrally located on the remote, you can see how it is easy to press this button when setting a timer or viewing the temperature. We had several calls from Kind customers such as yourself who had accidentally reset their lights to factory settings after all timers were programmed. So, to reduce the headache, we removed the function of the heart button.

Q: Will the red light emitted from the display have a negative impact on my grow?

A: No. The small amount of light from the display will not affect photoperiodic plants. Kind LED Grow Lights have been tested and used for years, and there are countless satisfied growers who have sung praises of their Kind lights and the unparalleled results in quality and yield that they achieved. The very small amount of indirect light that is produced is quite a bit less than would be produced by a night sky with even partial moonlight.

Q: Are there video instructions for setting up the timers?

A: Yes! Prior to setting your light's timers, it is helpful to watch our instructional video on our YouTube channel, Kind LED Grow Lights:

https://www.youtube.com/watch?v=L3IY3kGrEZc

The video will walk you through the functions of the remote and how to program your light to have a sunrise/sunset effect using the internal timers.

Q: Will the fans on my light continue to run when there is no light emitted and all channels are set to 000 intensity?

A: Yes, the fans will continue to run so long as the power button is turned to the on position. The fans continue to run to ensure the electronic components in the light are protected from harmful moisture. When your lights turn off for the dark cycle and the temps in your room drop, the cooler air has less ability to hold moisture and condensation forms on nearly everything in the room. The fans help to expel this condensation, rather than allowing it to settle in the components inside your light.

Q: My hydro system is all tied into the same timers, so can I use an external timer with my light?

A: Yes! You can use the lights with an external timer. You will just need to set your lights intensities to the desired levels and save them by pressing "OK" on the remote. This will ensure the same settings are restored when the light turns back on via the external timer.

TERMS & CONDITIONS

90 DAY FULL WARRANTY | 3 YEAR LIMITED

What Is Covered

Kind LED Grow Lights products are warranted against defects in materials and/or workmanship for a period of three (3) years from the original date of purchase. During the warranty period, Kind LED will either repair or replace any covered, defective product. Within the first 90 days, Kind LED will incur all costs associated with the repair, or replacement, and return of the defective product. After 90 days, the customer will assume responsibility of shipping the defective product back to Kind LED for the remainder of the warranty period. Kind LED will, in turn, assume responsibility for up to $50.00 per light of the shipping fees associated with returning the repaired or replaced product back to the purchaser. Return shipping fees in excess of $50.00 will be the responsibility of the purchaser.

What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Kind LED to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product.

How to Obtain Warranty Service

In order to enforce the rights under this warranty, the purchaser must notify Kind LED of a warranty claim by contacting a Kind LED representative at (855) 559-5463 or info@kindledgrowlights.com. At this time, the purchaser will be called upon to provide proof of purchase and the unique lot number located on the silver sticker on top of the housing. The Kind LED representative will either attempt to assist in troubleshooting, request photos showing defect, or issue a Return Authorization Number and provide more detailed return instructions. Upon receipt and review of the defective product, Kind LED will repair or replace, and return within five (5) business days.

90 Day Money Back Guarantee

Kind LED Grow Lights is so confident in the performance of our cutting edge products that we offer a complete 90 Day money back guarantee. If you are unsatisfied with your purchase for any reason, we will gladly accept a return, and provide a refund less shipping fees.

Eligibility requirements are as follows:

90 days begins from date of purchase
Offer valid for up to two lights
Offer valid for original purchaser only
Offer valid for first purchase of Kind LED products only
Offer valid for returns only, exchanges are subject to a 30 day return policy and restocking fee
Product must be returned in "like new" condition and in original packaging
Offer valid for direct purchasers only. Customers purchasing via authorized resellers are subject to policies of reseller

How to Obtain Refund Service

In order to enforce the rights under this warranty, the purchaser must notify Kind LED of a return claim by contacting a Kind LED representative at (855) 559-5463 or info@kindledgrowlights.com. At this time, the purchaser will be called upon to provide proof of purchase and the unique lot number located on the silver sticker on top of the housing. The Kind LED representative will verify qualifying information and, if eligible, issue a Return Authorization Number, as well as provide more detailed return instructions. Upon receipt and review of the returned product, Kind LED will issue return credit within ten (10) business days.

Returns

Returns not qualifying for the 90 Day Money Back Guarantee can still be returned within 30 days from the date of purchase. Pending the below conditions are met, purchaser will receive a refund less a 15% restocking fee and any associated shipping fees

30 days begins from date of purchase
Valid for original purchaser only
Product must be in "like new" condition and in original packaging

Damage Claim Policy & Procedure

Currently damages to Kind LED Grow Lights shipments occur less than .05% of the time. In the unfortunate event that damages do occur, the following procedure and timeline must be followed in order to ensure the expeditious delivery of a replacement system and a claim being filed with the damaging carrier.

1. When customer receives their KINDLED Grow Light, the external packaging must be inspected for any rips, tears, punctures, abrasions, creases, or any marks that may indicate damage on the interior.
2. Customer will then inspect contents alongside the delivering driver.
3. Significant damages should be refused by customer and signed off on by driver.
4. Damages not noticed and seen with driver present may still be claimed as concealed damages.
5. A KIND LED representative MUST BE NOTIFIED OF THE DAMAGES (refused or concealed) WITHIN 48 HOURS IN ORDER TO SUCCESSFULLY BEGIN A CLAIM WITH THE SHIPPING COMPANY. Customers exceeding this time frame may be penalized with a delay and/or forfeiture of a replacement, and or financial penalties.
6. The assigned Kind LED representative will require pictures and a description of the damages.
7. Once the required pictures and description are received, a pick-up of the damaged product, and the shipment of a replacement product, will be scheduled.
8. Provided that all of the above requirements are met, Kind LED will make every effort to send a replacement system within 72 hours. However, extenuating circumstances may prevent 100% adherence to this policy.

LEGAL DISCLAIMER

KIND LED Grow Lights, Inc. products were designed with the intention of creating an ideal growing environment for plants, vegetables, fruits, and herbs as a solution to the dilemma of certain locales and outdoor climates being unsuitable for growing and producing healthy plants.

Kind LED Grow Lights products are to be used for lawful purposes only. It is the responsibility of you as the purchaser to know and abide by all laws pertaining to the use of your Kind LED Grow Lights product.

Kind LED Grow Lights will not be held liable for any unlawful state or federal activity arising out of the post-sale use of our products. By purchasing a Kind LED Grow Light product, you are agreeing to the terms & conditions, confirming that you as the purchaser are attesting to the lawful use of our product and are thereby solely responsible for acting in conformance with all applicable regulations.