Wireless Remote Controller Usage Instructions

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ON OFF	**ON** Turn on **OFF** Turn off	Click OFF button to turn off the light for saving the current status of brightness,and then turn on the light, the previous brightness saved will be displayed by default.
80% 60% 70% 80% 90% 100%		Click corresponding button to set the certain brightness, 10 levels of brightness for your choice as photo.
ALL		All lights which were matched code to this remote controller will be selected. E.g: press button ALL then press button OFF, all the lights matching code to this remote controller will be turned off.
1 2 3 4 5	**Group selecting buttons**	1. Before grouping lights, the procedure of matching the code needs to be completed firstly. 2. Unplug the lights, keep pressing the group selection button, then plug the lights and 3-5s later the light will flash, release the group selection button to finish grouping. This procedure of grouping lights is suitable for lights under both status of ON and status of OFF. 3. This function aims to control the lights in different area separately, when you need to control the lights in same group, press the group selecting button firstly. E.g: press button 2 and set 30% intensity, then the intensity of all the lights grouping to Group 2 will be 30%.
ID	**Matching the code for light**	1. If the light is under the status of ON, unplug the light and long pressing the 'ID' button to keep the controller's indicator on, then plug the light and release the 'ID' button after the light flashes, the code-matching succeed. 2. If the light is under the status of OFF, we need to wait for 15s firstly after unplug the light, then follow the next procedures of matching the code as above.

Kindly Note:

1. The light has a power-off memory function, it saves the last status before power off, includes the OFF status or any status of the brightness you chose. (When turn off the light, and unplug it, the light will keep the OFF status, then plug it, you need to click ON button to turn on the light.)

2. The setting defaulted by factory of the light is 100% of brightness, when plug the light, it will display 100% of brightness at the first time.

3. The barrier-free and interference-free distance between the light and the remote controller should be less than 25m, matching code for several lights simultaneously is available, then you can use one remote controller to control several lights.

4. The light and the remote controller which are in one package has completed code-matching, if you would like to use this remote controller to control other lights(KUAREZ brand and RD series lights), firstly, you need to complete the code-matching between the controller and other lights.

Important Safety Instructions

1. **CAUTION:** Do not look directly at the LED grow light when the lighting equipment is working.

2. **CAUTION:** The minimum required distance between adjacent led grow light is 4 inches(10cm) and between the led grow light and combustible materials is 40 inches(100cm) such as walls, ceiling, movable, partitions. Providing this installation limitations are needed to prevent overheating of led grow light or combustible materials within the installation environment.

3. The maximum temperature of the installed environment(ambient temperature) should ensure safe operation of the led grow light. So you will need to control the temperature within the installed environment. (Example: a mechanical ventilation or cooling system is required to maintain the temperature within the growing space below 104°F(or 40℃) when the led grow light is in operation).

4. Instructions to the installation of cords:
a. Do not conceal or extend cords through a wall, floor, ceiling, or other parts of the building structure,
b. Do not place cords above the suspended ceiling or dropped ceiling,
c. Do not permanently affixed cords to the building structure,
d. Are routed so that cords are not subject to strain and are protected from physical damage,
e. Make the cords are visible over their entire length during installation.
f. Cords should be used within their rated ampacity as determined for the maximum temperature of the installed environment specified in the instructions.

5. The led grow light is for indoor use only, avoid exposing the lamp to water for too long time.

6. **CAUTION:** For horticulture lighting structures, installation shall be performed by qualified personnel, and that the structures and intended for installation subject to approval by the authority having jurisdiction.

7. Set up your light in the operating environment that with adequate air circulation. Never push objects into the ventilation openings.

8. When using this light, there is no need for any extra ballast.

9. When cleaning the outside of your light and its components, you need to shut off your light firstly, then unplug the power cord. Using a clean, soft, lint-free cloth to wipe the light. Avoid getting moisture or damage on any openings.

10. **CAUTION:** Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. Maybe harmful to the eyes.
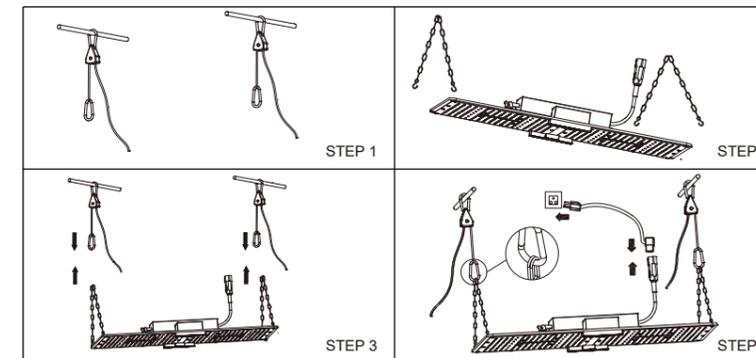
Installation

How to install your LED grow light?
Note: Power off the light before installation

RD1000 Installation Steps

STEP 1   STEP 2
STEP 3   STEP 4
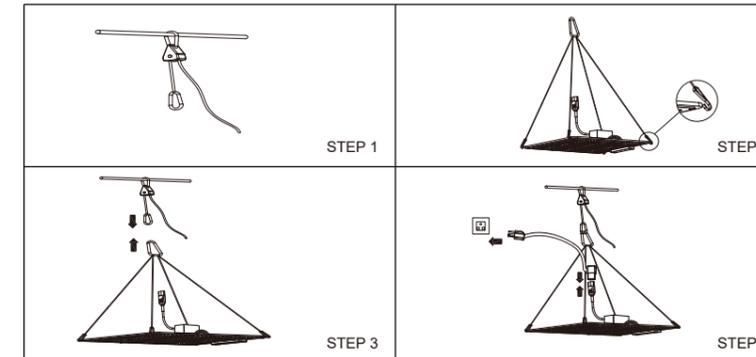
RD2000 and RD4000 Installation Steps


STEP 1   STEP 2
STEP 3   STEP 4

Step 1: Fix the lifting device(rope hanger) on suitable place.
Step 2: Fix the hanging kits/chains on back of the light.
Step 3: Connect the hanging kits/chains to the lifting device(rope hanger).
Step 4: Connect the power cord, and then power on the light.

Warranty Terms

Your KUAREZ LED grow light is offered 36 months warranty time and the light is warranted against original defects in materials and workmanship for a period of 12 months from the date of purchase.This warranty provides all labor and any replacement product or part necessary to ensure your light is in proper operating condition during the warranty period. A dated proof of purchase is required at the time of warranty service.The replacement of any part of your product under warranty will not extend the period of the warranty. If there is any problem with the item, please kindly send email to us: SUPPORT@HI-KUAREZ.COM

KUAREZ®

LED GROW LIGHT
2.4G Wireless Remote Controller
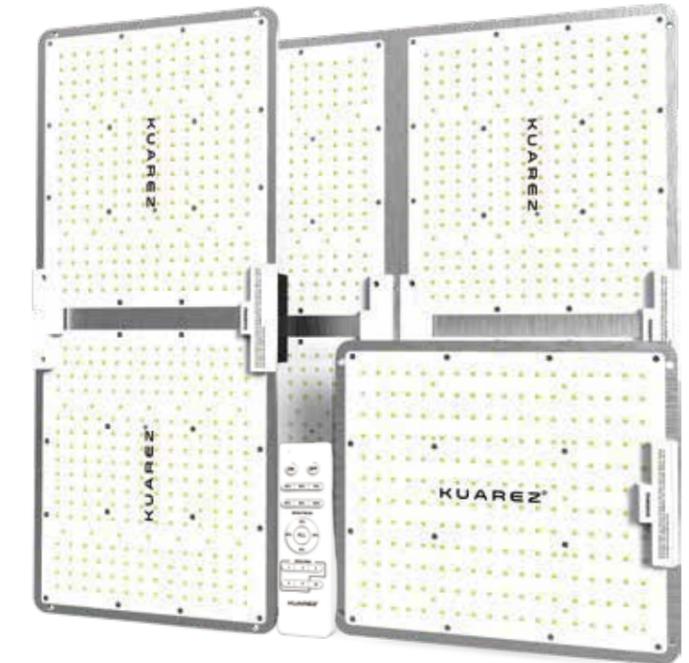
USER MANUAL
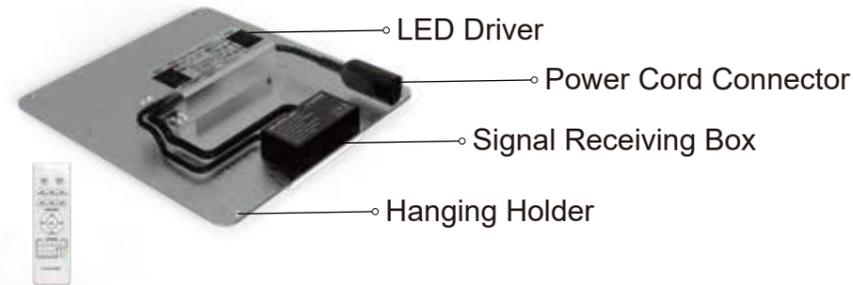
E-mail:support@hi-kuarez.com

Welcome

Please read this user manual carefully so that you can understand the function and operation of this product quickly.

CONTENTS:

RD1000 Display

LED Driver
Power Cord Connector
Signal Receiving Box
Hanging Holder

RD1000 Specification

Model No.	RD1000	HPS Replacement	250W HPS/MH
LED Qty	318pcs SMD LEDs	Vegetative Coverage	2.5x2.5ft at 18"
Actual Power Draw	100W±5%	Flowering Coverage	2x2ft at 14"
Input Voltage	AC100-277V	Housing Dimensions	11.8 x 10.6 x 2.3 inches
Frequency	50-60Hz	Item Weight	3.5 lbs
Working Temperature	-20-50℃	Lifespan	≥50,000 hours
Package Includes	1X RD1000 LED Lighting, 1XRemote Controller, 1X 6ft Power Cable, 1X Hanging Kit 1X Rope Hanger, 1X User Manual, 2 X 1.5V AAA Battery		

Using Suggestions

RD1000	Height (above plants' canopy)	Brightness	Using Hours
3-5 days Acclimation Period	24"-28"	40%	10 on / 14 off
Seedlings/Young Vegetative	20"-24"	60%	12 on / 12 off
Vegetative Stage	16"-20"	100%	18 on / 6 off
Flowering Stage	12"-16"	100%	12 on / 12 off

Friendly Reminder: Since different plants have different needs, there will be no perfect answer to the exact hanging height and brightness. Please always keep an eye on your plants reaction, and adjust the light to the suitable hanging height and brightness.
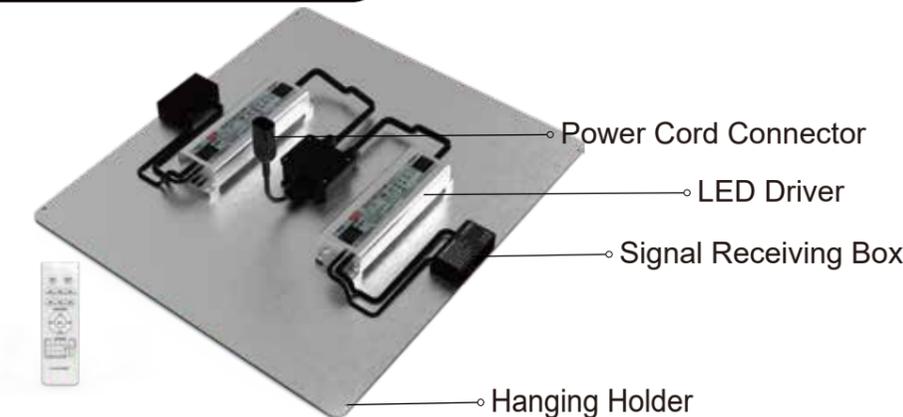
RD2000 Display

Hanging Holder
LED Driver
Signal Receiving Box
Power Cord Connector
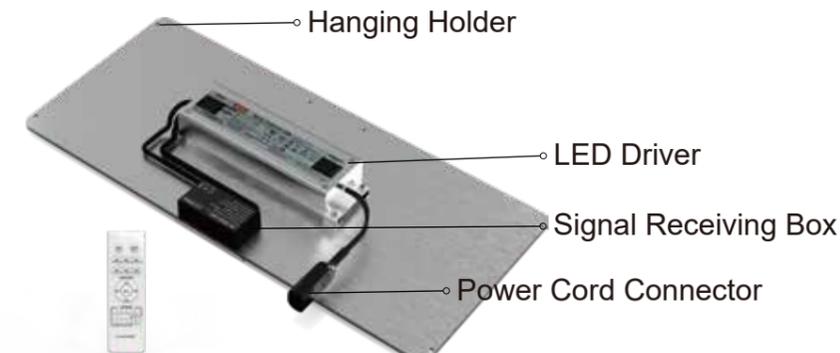
RD2000 Specification

Model No.	RD2000	HPS Replacement	500W HPS/MH
LED Qty	700pcs SMD LEDs	Vegetative Coverage	3.5x4ft at 22"
Actual Power Draw	200W±5%	Flowering Coverage	3x3.5ft at 18"
Input Voltage	AC100-277V	Housing Dimensions	23.9 x 10.6 x 2.6 inches
Frequency	50-60Hz	Item Weight	8.4 lbs
Working Temperature	-20-50℃	Lifespan	≥50,000 hours
Package Includes	1X RD2000 LED Lighting, 1XRemote Controller, 1X 6ft Power Cable, 2X Hanging Chain, 2X Rope Hanger, 1X User Manual, 2 X 1.5V AAA Battery		

Using Suggestions

RD2000	Height (above plants' canopy)	Brightness	Using Hours
3-5 days Acclimation Period	28"-32"	40%	10 on / 14 off
Seedlings/Young Vegetative	24"-28"	60%	12 on / 12 off
Vegetative Stage	20"-24"	100%	18 on / 6 off
Flowering Stage	16"-20"	100%	12 on / 12 off

Friendly Reminder: Since different plants have different needs, there will be no perfect answer to the exact hanging height and brightness. Please always keep an eye on your plants reaction, and adjust the light to the suitable hanging height and brightness.

RD4000 Display

Power Cord Connector
LED Driver
Signal Receiving Box
Hanging Holder

RD4000 Specification

Model No.	RD4000	HPS Replacement	1000W HPS/MH
LED Qty	1400pcs SMD LEDs	Vegetative Coverage	5x5ft at 28"
Actual Power Draw	425W±5%	Flowering Coverage	4x4ft at 24"
Input Voltage	AC100-277V	Housing Dimensions	23.9 x 21.3 x 2.6 inches
Frequency	50-60Hz	Item Weight	17.5 lbs
Working Temperature	-20-50℃	Lifespan	≥50,000 hours
Package Includes	1X RD4000 LED Lighting, 1XRemote Controller,1X 6ft Power Cable, 2X Hanging Chain, 2X Rope Hanger, 1X User Manual, 2 X 1.5V AAA Battery		

Using Suggestions

RD4000	Height (above plants' canopy)	Brightness	Using Hours
3-5 days Acclimation Period	34"-38"	40%	10 on / 14 off
Seedlings/Young Vegetative	30"-34"	60%	12 on / 12 off
Vegetative Stage	26"-30"	100%	18 on / 6 off
Flowering Stage	22"-26"	100%	12 on / 12 off

Friendly Reminder: Since different plants have different needs, there will be no perfect answer to the exact hanging height and brightness. Please always keep an eye on your plants reaction, and adjust the light to the suitable hanging height and brightness.