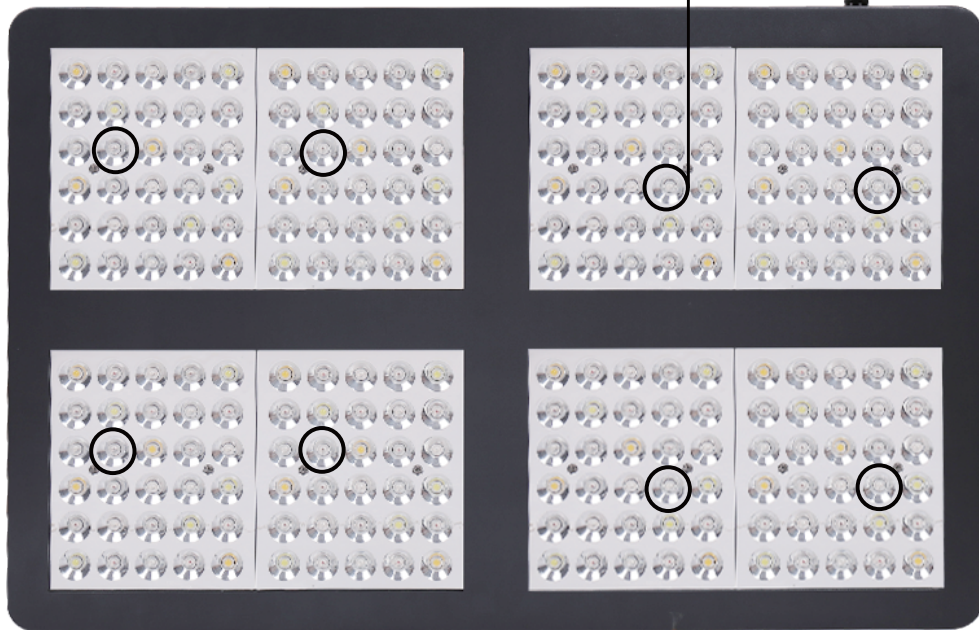


## Timer Control Series

MODEL: TC1200

8pcs  look dim

For flowering stage: use all channels with 100% brightness.

This light includes IR (Infrared) LEDs which look dim/invisible, they are not faulty LEDs.

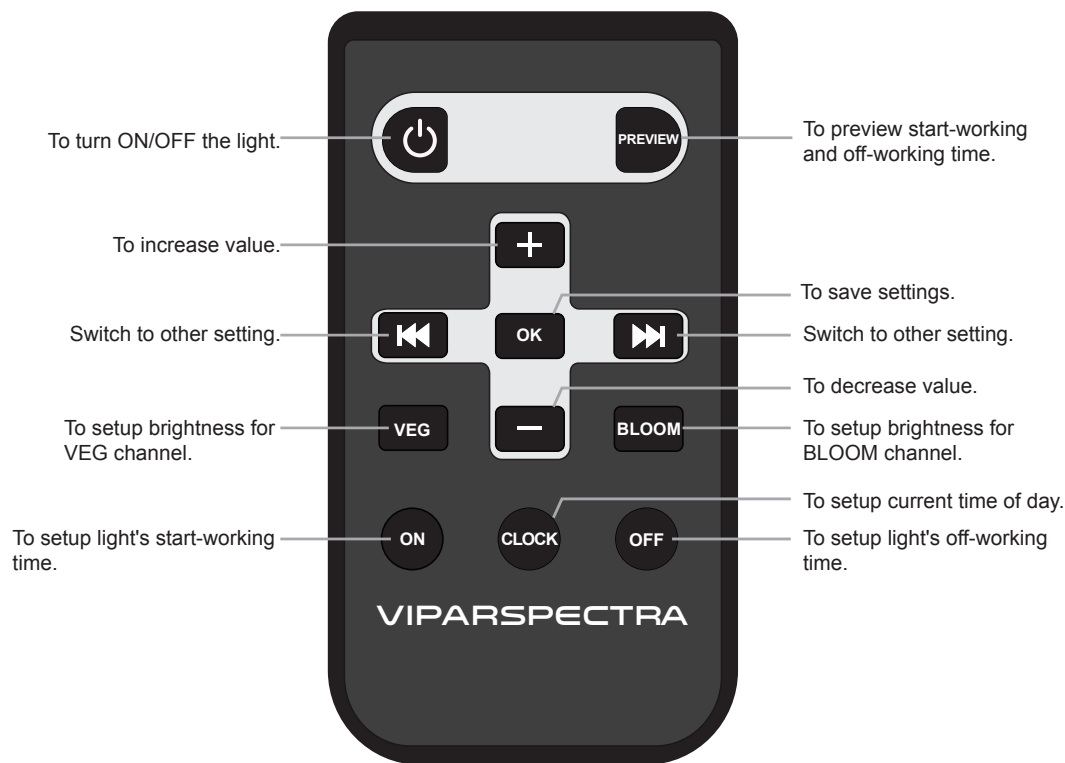
Two fans will work while VEG channel on, the rest two fans will work while BLOOM channel on.

The digital display will be turned off so it will not illuminates/emits blue light during light off-working time.

## Specifications:





Model:	TC1200	HID Replacement:	1000W HPS/MH
LED Power:	1200W	Vegetative Coverage at 32":	4.5x4.5ft
Actual Power Draw:	110V: 530W±3%; 220V: 506W±3%	Flowering Coverage at 24":	3.5x3.5ft
LED Quantities:	240pcs Epiled/Bridgelux LEDs	Use for:	all stages grow and flowering
Total Harmonic Distortion:	< 15%	Housing Dimensions:	25.4 x 16.5 x 3 inches 64.5 x 42 x 7.5 cm
Input Voltage:	AC100-240V	Item Weight:	23 lbs
Frequency:	50-60Hz	Lifespan:	≥100,000 hours


## Setting system with Remote



















**Step 1.** Remove the plastic separator from the battery.


**Step 2.** Press  to turn on the light.


**Step 3.** Press  to setup brightness for VEG channel. Using  and , select the desired brightness. Press  to save settings.

**Step 4.** Press , repeat step 3 to setup brightness for BLOOM channel.

**Step 5.** Press  to setup current time of day, the hour will flash. Using  and , select the desired hour. Press  or  to save the hour and activate the minutes. Using  and , select the desired minutes. Press  to save settings, or wait about 3 seconds and the programmed time will be automatically saved.

**Step 6.** Press  to setup light's start-working time, the hour will flash. Using  and , select the desired start-working hour. Press  or  to save the hour and activate the minutes. Using  and , select the desired minutes. Press  to save settings, or wait about 3 seconds and the programmed time will be automatically saved.

**Step 7.** Press , repeat step 6 to setup light's off-working time.

**Step 8.** Press  to confirm that the system has saved the desired start-working and off-working time.

Note: Timer controls both channels on/off together. Cannot turn VEG and BLOOM channel on/off separately.

## Using Suggestions

The following section will help guide you in the process of evaluating the best methods for each stage of plant growth. Like many other growers, you can use this light throughout the seeding and flowering stages of your plants life. Remember to properly adjust the height and brightness of your light according to your plants desired level for optimal growth.

TC1200	Height (above plants' canopy)	Using Hours	Brightness (VEG/BLOOM)
3-5 days acclimation period	44" - 48"	10 on / 14 off	40 / 15
Seedlings/ Young vegetative	40" - 44"	12 on / 12 off	60 / 30
Vegetative Stage	32" - 40"	18 on / 6 off	100 / 60
Flowering Stage	24" - 28"	12 on / 12 off	100 / 100

Adjust the height and brightness accordingly to desired coverage and how well each individual plants responds as the brightness increases. The key is to always observe your plants and listen to what they're telling you. If the leaves are pointing hard towards the light, they love it! Give them more! If they shy away or appear limp and unhappy, while all other components and environmental variables are correct, back off with the light! They'll let you know very quickly how they feel. This is of course... the key to horticulture in general.

## Setting system with Control Knob

## Digital Display OVERVIEW

Main menus:	Sub-menus of “H-SE”:
<b>CH 1</b> : VEG channel	<b>00 00</b> : Start-working time
<b>CH 2</b> : BLOOM channel	<b>OFF</b> : Off-working time
<b>H-SE</b> : Timer setting	<b>CL 00</b> : Current time



**01:00** : Current time

## Setting Process

```

graph TD
    Start([Press the knob to start]) --> CH18[CH 18]
    CH18 -- rotate the knob --> Brightness[38.5]
    Brightness -- rotate the knob --> BrightnessInc[38.6]
    Brightness -- rotate the knob --> BrightnessDec[38.4]
    BrightnessInc -- select desired brightness --> BrightnessSet[38.50]
    BrightnessDec -- select desired brightness --> BrightnessSet
    BrightnessSet -- press the knob --> CH28[CH 28]
    CH28 -- same method as setting CH 18 --> CH28
    CH28 -- press the knob --> HSE[H-SE]
    HSE -- rotate the knob --> ON88[ON 88]
    ON88 -- rotate the knob --> Time[12:12]
    ON88 -- press the knob --> OFF[OFF]
    Time -- rotate the knob --> TimeInc[13:12]
    Time -- rotate the knob --> TimeDec[11:12]
    TimeInc -- select desired time --> TimeSet[12:12]
    TimeDec -- select desired time --> TimeSet
    TimeSet -- press the knob --> OFF
    OFF -- same method as setting ON 88 --> OFF
    OFF -- press the knob --> CLOC[CL OC]
    CLOC -- same method as setting ON 88 --> CLOC
  
```

## Actions OVERVIEW

Action	Function
Press the knob	1. power on/off   2. change mode   3. save settings
Rotate clockwise 	1. enter mode   2. increase value (+1)
Rotate counterclockwise 	1. enter mode   2. decrease value (-1)

1. Keep pressing the knob around 3 seconds can turn off the light.
2. System will save settings and back to superior menu if no action within 3-5 seconds.
3. Timer controls both channels on/off together. Cannot turn VEG and BLOOM channel on/off separately.

on/off separately.

## WARRANTY TERMS

1. We offer three years warranty, from the date of purchase, for all of our products purchased against manufacturing defects. If you need warranty assistance, please contact us as soon as possible.

2.The warranty does not cover damage due to high moisture levels, water, power surges, improper hanging/mounting, improper use, dust build-up or user modifications.

3. For USA buyers, if any lights stop working within 30 days, you can choose:

**(A) Exchange.** We will email you a prepaid return label, please ship the light back to our USA warranty center. A replacement will be sent to you for free as soon as we receive the defective light.

**(B) Money back.** We will email you a prepaid return label, please ship the light back to our USA warranty center. You will get your money back as soon as we receive the defective light.

**(C) Repairing.** We can send parts free of charge immediately if you'd like to repair simple defect. Or we will email you a prepaid return label to bring light back, then ship back to you after we repair it. All for free.

4. For buyers outside of the USA, if any lights stop working within 30 days, you can choose:

**(A) Exchange.** Please ship the light back to our warehouse, buyer pays return shipping. A replacement will be sent to you for free as soon as we receive the defective light.

**(B) Money back.** Please ship the light back to our warehouse, buyer pays return shipping. You will get your money back as soon as we receive the defective light.

**(C) Repairing.** We can send parts free of charge immediately if you'd like to repair simple defect.

5.To all customers: if any lights stop working over 30 days after delivery, please contact us to get a satisfactory solution.

6.If a light is sent in with damage that is not covered under warranty, we may still be able to offer warranty service, however that is at our discretion and repairs may bear a cost which will be assessed prior to repairing the light.

7. Our company reserves the interpretation right of this warranty terms. If you have any questions about our warranty policy, please contact us.

Customer Service  
Email: [support@viparspectra.com](mailto:support@viparspectra.com)  
Phone: 1-844-504-3266(United States)