

General

| Product Type | Constant Voltage Driver, |
| :--- | :--- |
|  | Wireless, |
| Length $(\mathrm{mm})$ | 175 |
| Width $(\mathrm{mm})$ | 44 |
| Height $(\mathrm{mm})$ | 30 |
| Housing Color | White |
| Housing Material | PC |
| Mounting | Surface mounted |
| Weight $(\mathrm{g})$ | 150 |

Electronics

| Input Domain | DC |
| :---: | :---: |
| Input Voltage | 5 ~ 24 V DC |
| Output Voltage | 5 ~ 24 V DC |
| Output Current (mA) max/output | 5000 |
| Output Current Max. (A) | 20 |
| Output Power (W) | 100W @ 5V, <br> 240W @ 12V, <br> 480W @ 24V, |
| Power Supply | N/A |
| LED Outputs | 4 |
| Lighting |  |
| Color Range | RGBW |
| Control |  |
| Output Signal | PWM-CV |
| Control | Radio Frequency |
| Environmental |  |
| Operating Temperature | $-30 \sim+55{ }^{\circ} \mathrm{C}$ |
| Ingress Protection | IP2O |


| Disclaimer |
| :--- | :--- | :--- |
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### 2.4G LED Dimming Controller

## Main Characteristics

## V1 RF Dimming Remote Control

| Remote Option: | Dimming |
| :--- | :--- |
| Working Voltage: | 3 Vdc (Battery CR2032) |
| Wireless Frequency: | 2.4 GHz |
| Working Temperature: | $-30^{\circ} \mathrm{C} \sim 55^{\circ} \mathrm{C}$ |
| Package Size: | $\mathrm{L} 150 \times \mathrm{W} 46 \times \mathrm{H} 18(\mathrm{~mm})$ |
| Weight(G.W.): | 85 g |


| R4-3A CV Receiver |  |
| :--- | :--- |
| Input Voltage: | $5 \sim 24 \mathrm{Vdc}$ |
| Max Current Load: | $3 \mathrm{~A} \times 4 \mathrm{CH}$ Max. 12 A |
| Max Output Power: | $60 \mathrm{~W} / 144 \mathrm{~W} / 288 \mathrm{~W}(5 \mathrm{~V} / 12 \mathrm{~V} / 24 \mathrm{~V})$ |
| Working Temperature: | $-30^{\circ} \mathrm{C} \sim 55^{\circ} \mathrm{C}$ |
| Package Size: | $\mathrm{L} 127 \times \mathrm{W} 35 \times \mathrm{H} 24(\mathrm{~mm})$ |
| Weight(G.W.): | 60 g |

R4-5A CV Receiver

| Input Voltage: | $5 \sim 24 \mathrm{Vdc}$ |
| :--- | :--- |
| Max Current Load: | $5 \mathrm{~A} \times 4 \mathrm{CH}$ Max. 20A |
| Max Output Power: | $100 \mathrm{~W} / 240 \mathrm{~W} / 480 \mathrm{~W}(5 \mathrm{~V} / 12 \mathrm{~V} / 24 \mathrm{~V})$ |
| Working Temperature: | $-30^{\circ} \mathrm{C} \sim 55^{\circ} \mathrm{C}$ |
| Package Size: | $\mathrm{L} 178 \times \mathrm{W} 48 \times \mathrm{H} 33(\mathrm{~mm})$ |
| Weight(G.W.): | 150 g |

Note: Receiver is sold separately.

## FC $(\epsilon$ RoHS (ygrant <br> COMPLIANT <br> 5 years <br> ISO9001:2008



R4-CC CC Receiver

| Input Voltage: | $12 \sim 48 \mathrm{Vdc}$ |
| :--- | :--- |
| Output Voltage: | $3 \sim 46 \mathrm{Vdc}$ |
| Output Current: | $\mathrm{CC} 350 / 700 / 1050 \mathrm{~mA} \times 4 \mathrm{CH}$ |
| Output Power: | $1.05 \mathrm{~W} \sim 48.3 \mathrm{~W} \times 4 \mathrm{CH} \mathrm{Max} 193.2 \mathrm{~W}$ |
| Working Temperature: | $-30^{\circ} \mathrm{C} \sim 55^{\circ} \mathrm{C}$ |
| Package Size: | $\mathrm{L} 178 \times \mathrm{W} 48 \times \mathrm{H} 33(\mathrm{~mm})$ |
| Weight(G.W.): | 165 g |

## Dimensions



V1


Holder


R4-5A/R4-CC


R4-3A

## Operating Instruction for Remote:



## Operating Instruction for Receiver:



The running light


## Wiring Diagram :




Match/Clear code between remotes Match code:


Assuming that $B$ match up with $A$.


Press the bottom two keys of $B$ simultaneously until the indicator light keeps on .


Then press any key on $A$ in 5 seconds. When the indicator light of B turns off, match successfully.

Clear code:


Press the bottom two keys of B simultaneously labout 6 seconds), the indicator light keeps on, deactivated matching successfully.

Match/Clear code between remote and receiver
Match code:

1. Short press the ID learning button on the receiver, the running light keeps on.
2. Press any key on the remote, the running light on the receiver flicker several times, match successfully.


Clear code:


CV Power Supply
CV Power Supply




## Attention:

- Please replace the battery if the remote becomes insensitive or control distance is shortened.
- Please take out the battery for long time unused.

