



General

|                  |          |
|------------------|----------|
| Product Type     | Wireless |
| Length (mm)      | 145      |
| Width (mm)       | 40       |
| Height (mm)      | 12       |
| Housing Color    | White    |
| Housing Material | Plastic  |
| Weight (g)       | 85       |

Electronics

|              |     |
|--------------|-----|
| Power Supply | N/A |
|--------------|-----|

Lighting

|             |      |
|-------------|------|
| Color Range | RGBW |
|-------------|------|

Control

|                 |                 |
|-----------------|-----------------|
| Output Signal   | 2.4 GHz         |
| Control         | Radio Frequency |
| Remote Distance | 25m             |
| Zones           | 4               |

Environmental

|                    |           |
|--------------------|-----------|
| Ingress Protection | IP20      |
| Battery            | 1x CR2032 |

CE IP20 5<sup>year</sup> warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



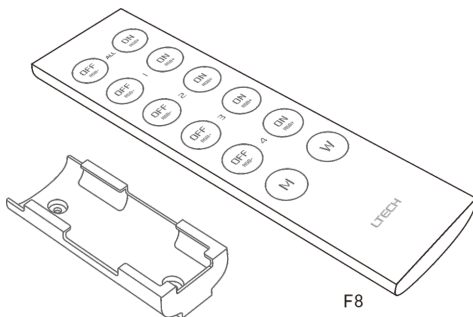
## 2.4G LED RGBW Controller



## Main Characteristics

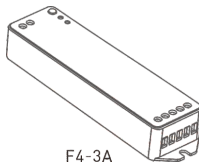
## F8 RF RGBW Remote Control

|                      |                       |
|----------------------|-----------------------|
| Remote Option:       | RGBW, 4 zones control |
| Working Voltage:     | 3Vdc (Battery CR2032) |
| Wireless Frequency:  | 2.4GHz                |
| Working Temperature: | -30°C~55°C            |
| Package Size:        | L150×W46×H18(mm)      |
| Weight(G.W.):        | 85g                   |

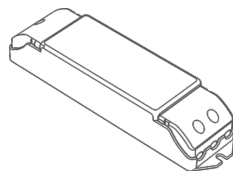


## F4-3A CV Receiver

|                      |                           |
|----------------------|---------------------------|
| Input Voltage:       | 5~24Vdc                   |
| Current Load:        | 3A × 4CH Max. 12A         |
| Max Output Power:    | 60W/144W/288W(5V/12V/24V) |
| Working Temperature: | -30°C~55°C                |
| Package Size:        | L127×W35×H24(mm)          |
| Weight(G.W.):        | 60g                       |



F4-3A



F4-5A/F4-CC

## F4-5A CV Receiver

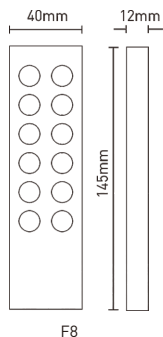
|                      |                            |
|----------------------|----------------------------|
| Input Voltage:       | 5~24Vdc                    |
| Current Load:        | 5A × 4CH Max. 20A          |
| Max Output Power:    | 100W/240W/480W(5V/12V/24V) |
| Working Temperature: | -30°C~55°C                 |
| Package Size:        | L178×W48×H33(mm)           |
| Weight(G.W.):        | 150g                       |

## F4-CC CC Receiver

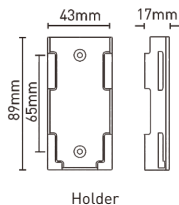
|                      |                            |
|----------------------|----------------------------|
| Input Voltage:       | 12~48Vdc                   |
| Output Voltage:      | 3~46Vdc                    |
| Output Current:      | CC 350/700/1050mA×4CH      |
| Output Power:        | 1.05W~48.3W×4CH Max 193.2W |
| Working Temperature: | -30°C~55°C                 |
| Package Size:        | L178×W48×H33(mm)           |
| Weight(G.W.):        | 165g                       |

Note: Receiver is sold separately.

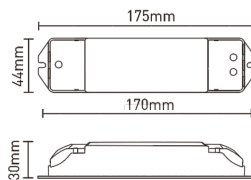
## Dimensions



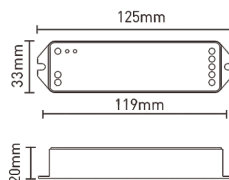
F8



Holder



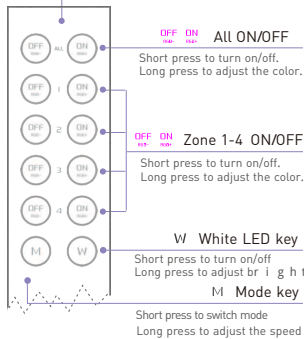
F4-5A/F4-CC



F4-3A

## Operating Instruction for Remote:

### Indicator light



### The Changing Mode

1. RGB Jumping
2. 7 Colors Jumping
3. RGB Smooth
4. 7 Colors Smooth
5. Static Black (only turn off RGB)

## Match/Clear code between remotes

### Match code:

1. Assuming that B match up with A.
2. Short press the bottom two keys of B simultaneously, the indicator light keeps on after release.
3. 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 (about 6 seconds) until the indicator light keeps on, deactivated the matching successfully.

## Match/Clear code between remote and receiver

### Match code:

- Method 1 :**
- Step 1. Power on the receiver, and complete step 2 in 10 seconds.
  - Step 2. Long press the matching zone key "ON", "OFF" on the remote simultaneously, the lamps flicker several times, the buzzer beep once, match successfully.

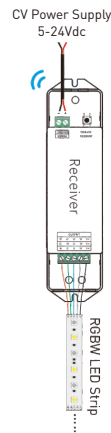
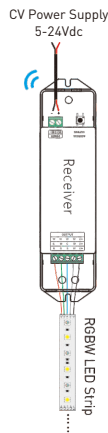
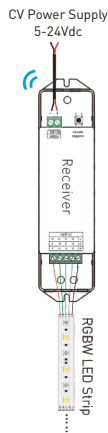
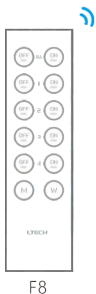
- Method 2 :**
- Step 1. Short press the ID learning button on the receiver, the buzzer beep once.
  - Step 2. Long press the matching zone key "ON", "OFF" on the remote simultaneously, the lamps flicker several times, the buzzer beep once, match successfully.

### Clear code:

- Method 1 :**
- Power on and off the receiver continuously for 5 times, If the buzzer long beep and lamps flicker twice, deactivate the matching successfully.

- Method 2:**
- Long press "ID learning button" on receiver for 5 seconds, If the lamps flicker twice, deactivate the matching successfully.

## Wiring Diagram :



◆ Could connect RGB/RGBW LEDs.