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CANOPIA 601452 LED Light Strip with Remote Dimmer Controller

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Contents

CANOPIA by PALRAM

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Product Information

Specifications

- **Product:** LED Light Strip with Remote Dimmer Controller
- **Length:** 2.7 meters
- **EU Plug included, Remote battery** CR2032 not included
- **Dimmer** IP 68, LED Light Strip IP 67
- **Waterproof**

Product Usage Instructions

Safety Advice & Cautions

1. If using a stepladder or power tools, ensure you follow the manufacturer's safety advice.

Before Assembly

Tools & Equipment required:

Silicone

- Philips Head Screwdriver

During Assembly

- Insert the LED light strip in the aluminum profiles.

Important Assembly Steps

- When encountering the information icon during assembly, refer to the relevant assembly step for additional comments.
- Optional step for excess LED strip: Cut the LED strip according to the round images and seal it with silicone.

Recycling Electronic Devices

- Dispose of electronic devices properly. Disconnect power, and cable connections, and remove electrical components.
- If products contain batteries, dispose of them separately according to local rules to prevent explosion or leakage.

FAQ

Q: What should I do if I encounter difficulties during assembly?

- **A:** If you face challenges during assembly, please refer to the manual or contact our customer support for assistance.

Q: Is the LED light strip suitable for outdoor use?

- **A:** Yes, the LED light strip is waterproof and suitable for outdoor applications.

IMPORTANT!

- Please read these instructions carefully before starting assembly.
- Keep these instructions in a safe place for future reference.

HAVE A CONCERN? WE CAN HELP

- Before returning your purchase:
- You didn't find what you were looking for?
- We can help at **Canopia.shop/support**
- Still can't find what you are looking for?
- Please see the next page for local customer care.

SAFETY ADVICE & CAUTIONS

1. If using a stepladder or power tools please make sure that you follow the manufacturer's safety advice.

BEFORE ASSEMBLY

- Please read these instructions carefully before you start to assemble this product.
- Please carry out the steps in the order set out in these instructions.
- Keep these instructions in a safe place for future reference.

TOOLS & EQUIPMENT

- Silicone

- Philips Head Screwdriver

DURING ASSEMBLY

- The light fixture is waterproof under IP67 standards.
- The transformer is waterproof under the IP67 standard.
- The controller is waterproof under the IP68 standard.
- **LED Type:** 3500K.
- **Efficiency Level:** F 24KwH/1000h
- **Light output:** 700 Lumen.
- The mounting of the LED Light Strip is performed onto the screw channels in the aluminum profiles.

IMPORTANT ASSEMBLY STEPS

- When encountering this information icon during assembly, please refer to the relevant assembly step for important additional comments.
- **Step 2:** Optional step in a situation where there is an excess of LED strip: When cutting the LED strip, cut according to the round images, and seal the LED strip with silicone.

RECYCLE ELECTRONIC DEVICES OR DISPOSE OF THEM PROPERLY

- If you should dispose in the future of this product, note that the waste of Electrical products should not be disposed of with household waste.
- Observe the local regulations in your country for the WEEE – waste electrical and electronic equipment directive.

Important information about disposal:

1. **Disposal of electrical and electronic equipment**
   - The symbol of the "crossed-out garbage can" means that you are legally obliged to dispose of these devices separately from unsorted municipal waste (see point 2).
   - Disposal of household waste, such as the residual waste bin, is prohibited. The Handing over old electrical devices is upon the regulations in your country.
2. **Data protection**
   - We would like to point out to all end users of old electrical and electronic devices that they are responsible for deleting personal data on the old devices to be disposed of.
     - **Warning! The danger** of electric shock!
   - Touching live parts can result in serious injuries or even death. Decommissioning and repairs must be carried out by a qualified electrician.
     - **Decommissioning procedure**
   - **a**. Disconnect the line from power and secure it against being switched on again.
   - **b**. Disconnect the cable connections.
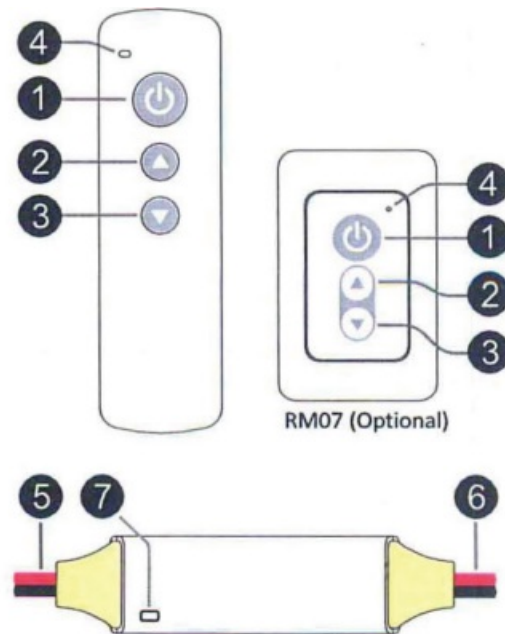   - **c**. Loosen and remove the electrical components.
3. If your products contain batteries, please dispose of them separately in the correct disposing area according to your Local rules, batteries may explode or leak.

SINGLE COLOR REMOTE DIMMER CONTROLLER

- RF Remote Operation
- Smooth Change Effect
- Compact Design
- Full Protection
- Waterproof Option
- Multi Remote Option
- Easy Remote Pairing

INTRODUCTION

- Thank you for purchasing our product. R217 series LED Dimmer is designed to drive constant voltage LED products in a voltage range of DCSV-24V.
- It contains a main control unit and an RF wireless remote controller.
- Users can turn on/off or adjust LED brightness conveniently via the remote controller.

RM07 (Optional)

FUNCTIONS

1. **Turn on/off**
   - Press this key to switch on or off the controller.
   - Pressing and holding this key will force you to switch off the controller.
   - The controller will memorize the on/off status and restore the on/off status and brightness level at each power-on moment.

2. **Increase Brightness**
   - Press this key to increase the output LED brightness.
   - Pressing and holding this key will continuously increase the brightness.

3. **Decrease Brightness**
   - Press this key to decrease the output LED brightness.
   - Pressing and holding this key will continuously decrease the brightness.
   - When the controller is off, hold press this key will turn on the controller and jump to minimum brightness.

4. **Remote Controller Indicator**
   - This indicator will blink when the remote controller works.
     - **INSTALLATION**

5. **Power Supply**
   - The controller unit can work from DC SV to 24V. The red power cable should be connected to power positive and black to negative. Please make sure the power supply voltage is the same as the LED load and the power is capable of the load wattage.

6. **LED Output**
   - The controller unit supports constant voltage driving LED products.
   - The red cable should be connected to the LED positive and the black cable to the negative.
   - The red cable is internally connected to the power supply positive in the controller unit.
   - The controller unit has an output overload protection function, please check whether the output is short-circuited or overloaded if the controller stops working.

7. **Status Indicator**
   - This is a full color status indicator. It displays all the working status of the controller.

- It indicates different events as follows:
- **Blue:** normal working.
- **Short single white flash:** new command received.
- **Long single yellow flash:** reach brightness limit.
- **Red flash:** overload protected.
- **Yellow flash:** overheat protected.

8. **Using Remote**
   - Please pull out the battery-insulating tape before using it.
   - The remote controller uses a CR2032 cell battery, which can last for 2 years for regular usage. For proper receiving remote signal, please do not install the controller in closed metal parts.
   - For indoor use only.

9. **Pairing New Remote**
   - The remote and main unit is 1 to 1 paired as default.
   - Furthermore, one main unit can be paired to 5 remote controllers and every remote can be paired to any main unit.
     - **Please do the following steps to pair a new remote:**
   - Plug off the power of the main unit and plug it in again after more than 5 seconds.
   - Press the remote 'on/off' and 'decreasing brightness' keys together in 5 seconds after the main unit is powered on.

10. Optional Wall Switch Remote
    - The controller can also work with the optional wall switch type remote controller RM07.
    - This remote controller has the same function and usage as the default handhold
      - **ADVANCED FEATURES**

11. **Waterproof**
    - The R217 model is a standard version that can be used in a dry environment. R217-S is an IP68 waterproof version, which can be used in a wet environment or underwater within a depth of 30 meters.
    - **Note:** The remote receiving sensitivity will decrease when the controller is installed in a wet place or underwater, please set up the controller when the main unit is dry.

12. **Protection**
    - R217 series LED dimmer has a full protection function for output short circuits, overloads, and overheating.
    - The indicator will flash red at overload or short circuit protection and flash yellow at overheat.
    - The controller will automatically recover from protection when the working status is good.
    - Please ensure the LED load is in the rated range, not shorted and the controller unit is in a good heat dissipation environment to avoid protection.

SPECIFICATIONS

Model	R217-S
Brightness Grade	7 levels
PWM Grade 256	256 levels
Min. Brightness Shortcut	Yes
On/off status memorize	Yes
Overload protection	Yes
Overheat protection	Yes
Working Voltage	OC 5·24V
Remote frequency	433.92MHz
Remote control distance	>15m at an open area
Rated Output Current	15A
IP Grade	IP-68
Remote Transmit Power	<10dBm

- **UK**
- **01302-380775**
- **0599-37-057**
- **info@ms-viscom.com**
- **canopia.com/contact-us**.

Documents / Resources

 CANOPIA 601452 LED Light Strip with Remote Dimmer Controller [pdf] User Manual
601452 LED Light Strip with Remote Dimmer Controller, 601452, LED Light Strip with Remote Dimmer Controller, Remote Dimmer Controller, Dimmer Controller

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