LLI ARCHITECTURAL LIGHTING

PRODUCT DATA:

INPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER	REMARKS	SIZE (LXWXH)
12-36V DC	4 X 5A	4 X (60-180)W	CONSTANT VOLTAGE	7.11" X 2.90" X 1.50"

FUNCTION INTRODUCTION:

RF Receiver

LED OUTPUT
Black :V+
Red :R-
Green :G-
Yellow :B-
White :W-

DC INPUT
Red :V+
Black :V-

Learning Key

Common Anode Output(+)
CH 1:R/WW output(-)
CH 2:G/CW output(-)
CH 3:B/WW output(-)
CH 4:W/CW output(-)

Learning Key:
Paring with RF remote

V+
V+
DC Power output
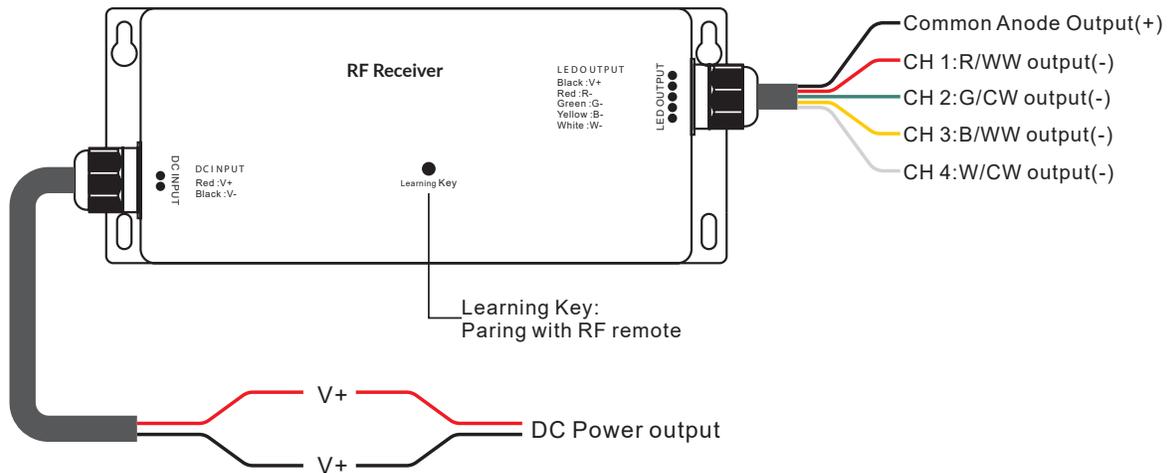
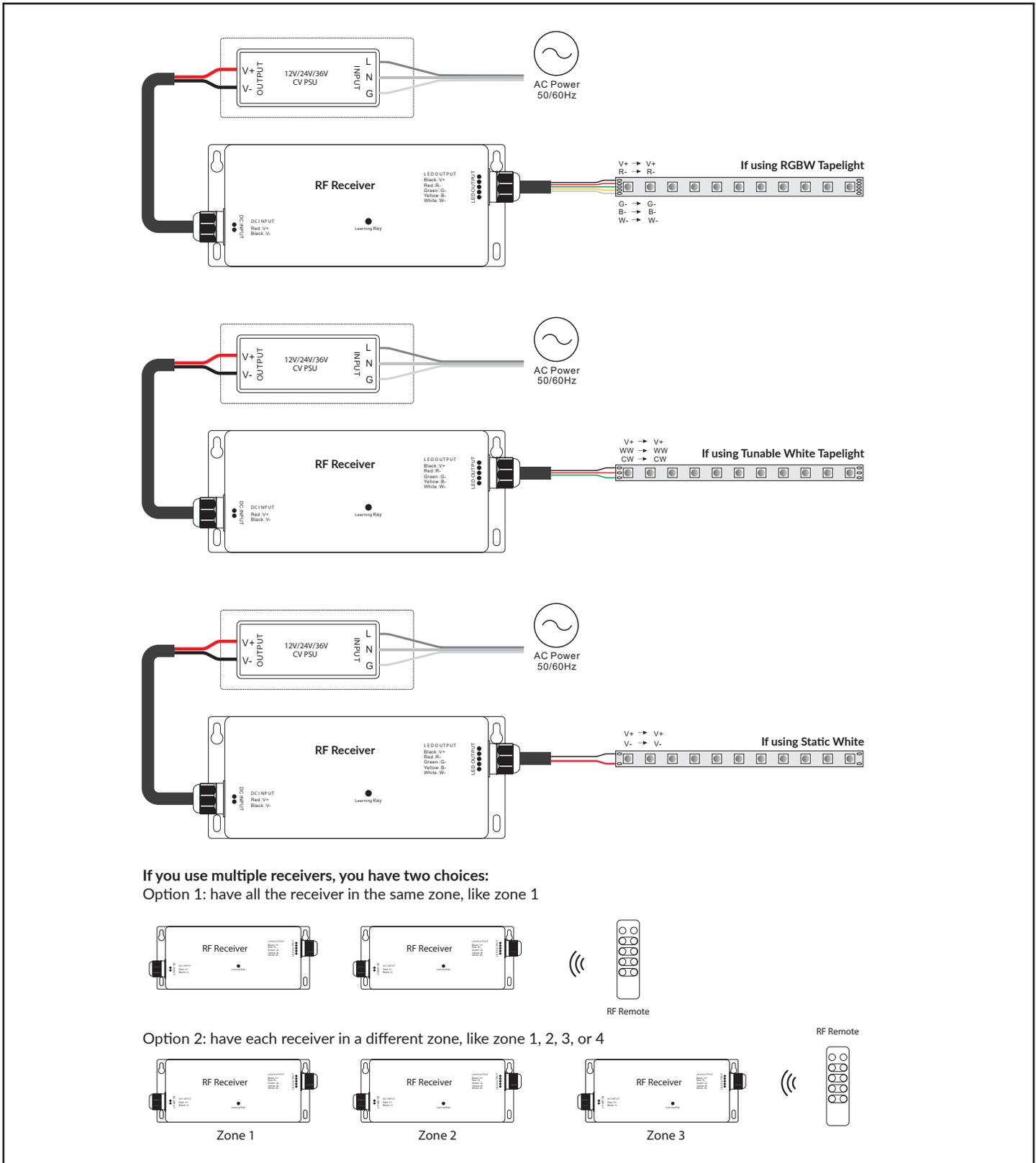# ⚠ SAFETY INFORMATION

WARNING: These products may represent a potential shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, local electrical codes and the National Electric Code (NEC).

- DO NOT install with power applied to device.
- DO NOT operate the dial switches for device mode selection with power applied to device.
- IP66 for use in wet locations, do not puncture or submerge.
- DO NOT install the receiver into a metal enclosure. It can cause signal interference that will affect the programing of the system.

Wiring Diagrams

If using RGBW Tapelight

If using Tunable White Tapelight

If using Static White

If you use multiple receivers, you have two choices:
Option 1: have all the receiver in the same zone, like zone 1

RF Remote

Option 2: have each receiver in a different zone, like zone 1, 2, 3, or 4

RF Remote

Zone 1   Zone 2   Zone 3

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Operations

Pair RF Receiver with RF remote:

1. Connect the RF receiver according to the wiring diagram, power on.

2. Click on/off button of the remote/panel to turn on it → Click "Learning" on the receiver → Click a zone number (ignore this step if the remote/panel has only 1 zone) → Touch the color wheel/slider (click any button except on/off and zone buttons if the remote has no color wheel/slider) → LED lights connected with the receiver will blink to indicate successful pairing to the selected zone.

Note: one receiver can be paired with max 8 remote controls.

Pairing to RF sender without learning key (Applicable to RF senders with color wheel):

1. Pairing to RF remotes which have color wheel (including single color, CCT, RGBW): power off and power on the receiver → turn on the remote, then click a zone number twice and press and hold continuously and quickly within 10 seconds → LED light connected with the receiver will flash to indicate successful pairing to the selected zone.

2. Pairing to multi-zone RF touch panels which have color wheel (including single color, CCT and RGBW): power off and power on the receiver → turn on the panel, then click a zone number three times and press and hold continuously and quickly within 10 seconds → LED light connected with the receiver will flash to indicate successful pairing to the selected zone.

Note: RF remotes without color wheel, single zone RF touch panels with color wheel, and RF touch panels without color wheel do not have this function.

Pairing to RF sender without learning key (Applicable to all compatible RF senders):
Re-power on the receiver three times continuously to set it into pairing status→ Within 15 seconds, click on/off button of the remote/panel to turn it on → Click a zone number (ignore this step if the remote/panel has only 1 zone) → Touch the color wheel/slider (click any button except on/off and zone buttons if the remote has no color wheel/slider) → LED lights connected with the receiver will blink indicate successful pairing to the selected zone

Delete pairing with learning key:

1. Connect the receiver according to the wiring diagram, power on.

2. Press and hold down the "Learning Key" button on receiver for over 3 seconds until the LED light on the receiver flicker twice, which means it is deleted.

How to stop running mode of single color LED light caused by RGBW sender interference:

1. When pairing single color LED light to a single color remote, it might be paired to nearby RGBW senders, which might control the single color light into running mode. The running mode can not be stopped by the paired single color remote or by delete pairing.

2. Use a remote or wall panel that has color wheel and is paired to by nearby RGBW senders, which might control the single color light into running mode. If the remote or wall panel cannot stop the running mode, delete its pairing.

3. Pair the receiver to the single color remote again.

Built-in 10 color changing modes are as follows:

Mode 1: Any two colors of RGB mix fade-in & fade-out
Mode 2: RGB three colors mix fade-in & fade-out
Mode 3: RGB three colors mix fade-out & fade-in
Mode 4: RGB flash
Mode 5: RGB three colors fade-in & fade-out successively
Mode 6: RGB three colors fade-in successively
Mode 7: RGB three colors fade-out successively
Mode 8: RGB three colors jump changing successively
Mode 9: R&B two colors mix fade (R in B out), then G fade-in, then R&B mix fade (R out B in), then G fade-out
Mode 10: B fade-out, then G&B mix fade (G out B in), then R&G mix fade (R out G in), then R fade-in

Mode 1

Mode 2

Mode 3

Mode 4

Mode 5

Mode 6

Mode 7

Mode 8

Mode 9

Mode 10