

URES

DC INPUT

V+

V+

V-

V-

Master/Slave

1 2

DIM

CCT

RGBW

RGB+CCT

LIGHTING LEAF

RF-WIFI-CNTRL-5CH-4A

RF+WiFi LED Controller

Input Voltage DC 12-24V

Output Current 4A/CH

Max Power 48-96W/CH

0.5-1.5mm

6.7mm

Prog.

LED OUTPUT

+

+

1- WW- R- R-

2- CW- G- G-

3- WW- B- B-

4- CW- W- CW-

NC NC NC WW-

Ta: -20°C~+50°C

• Tc=75°C

CE

RoHS

Technical drawing of the LIGHTING LEAF RF+WIFI LED Controller. The drawing shows the front panel with various ports and labels. On the left, there are four DC input ports labeled V+, V+, V-, and V-. Below these are two Master/Slave ports labeled 1 and 2. There are also three output ports labeled DIM, CCT, and RGBW. On the right, there are four LED output ports labeled 1, 2, 3, and 4, each with a color code (WW, CW, WW, CW). Below these are three NC ports and one WW port. The central area contains the product name 'LIGHTING LEAF', model 'RF+WIFI LED Controller', and technical specifications: 'Input Voltage DC 12-24V', 'Output Current 4A/CH', and 'Max Power 48-96W/CH'. There is also a 'Prog.' button and a 'CE' mark. A red circle highlights the 'CCT' port, with a red arrow pointing to the text 'Select Color Profile' below the drawing.

The diagram illustrates three different control methods for smart lighting:

- App:** A smartphone icon with the "LIGHTING LEAF" logo on the screen.
- IoT:** A person's head with signal waves, a smart light bulb, and a thought bubble saying "Dim Lights", representing voice or sensor-based control.
- RF Wireless Wall Remote:** A vertical wall remote control with a room layout icon at the top and two buttons with light bulb icons below.

