DALI DIMMING TUNNABLE WHITE

Product Outline

Panel

Knob

Status LED

Technical Parameters

Model	: DALI-CCT	Product No.	: 402000020201
Input Voltage	: 110-240V	Relative humidity	: 20~90%RH
Output Current	: 150mA	N.W.	: 132g
Output Signal	: DALI signal(Single address/Group/broadcast)	G.W.	: 182g
Working temp.	: -10°C~45°C	Dimension(mm)	: 86×86×57.5

Dimension(mm)

86

86

57.5

16 10 31.5

60

4
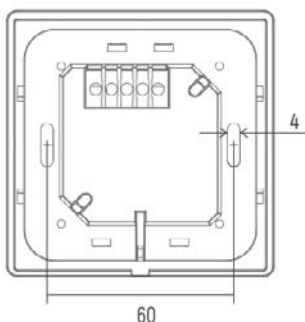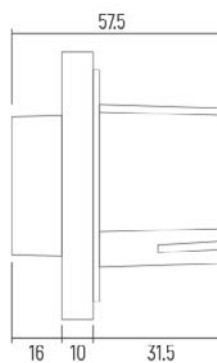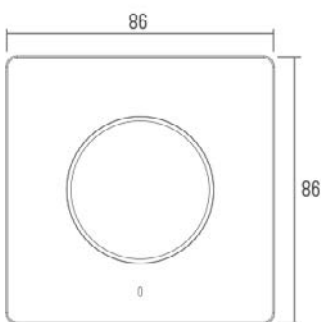
Function Description

Turn on and turn off :
Short press the knob to switch: in the off state, short press the knob to turn on the lamp. In the open state, short press the knob to turn off the lamp. The indicator light turns on briefly and then turns off.

Power on level function:
The color temperature/brightness command before power off is automatically sent to the DALI bus when the device is powered on again. The indicator light turns on briefly and then turns off.

Turn the knob to change the brightness:
Turn the knob clockwise to open the lamp slowly from the minimum brightness and gradually increase; turn the knob counterclockwise to reduce the brightness gradually until the lamp is in the lowest brightness. (The indicator light turns on briefly and then turns off).

Keep press and turn the knob to change the color temperature:
Keep press and turn the knob clockwise to make the color temperature become warmer and gradually increase until the lamp is in the warmest color temperature. Keep press and turn the knob counterclockwise to make the brightness become colder gradually until the lamp is in the coldest color temperature. (The color temperature will be changed significantly, after 3 laps, The indicator light turns on briefly and then turns off)

Dial code function:
When S1 dials to 0~3, the device can control a single address, which can control up to 0~63 addresses. Such as:

S1   S2

CE

1. When S1 and S2 are all on 0, you can control 0~15 addresses (means 16 pcs devices) by changing the dial arrowhead (0~F) on the S2 (The device's address needs to be the same as the dial arrowhead). The address would be 0~15.

2. When S1 is on 1, you can control 0~15 addresses (means 16 pcs devices) by changing the dial arrowhead (0~F) on the S2 (The device's address needs to be the same as the dial arrowhead). The address would be 16~31.

3. When S1 is on 2, you can control 0~15 addresses (means 16 pcs devices) by changing the dial arrowhead (0~F) on the S2 (The device's address needs to be the same as the dial arrowhead). The address would be 32~47.

4. When S1 is on 3, you can control 0~15 addresses (means 16 pcs devices) by changing the dial arrowhead (0~F) on the S2 (The device's address needs to be the same as the dial arrowhead). The address would be 48~63.

Grouping:

S1   S2

You can control the devices by the group when the dial arrowhead of S1 points to 4 or A. Set S2 dial arrowhead (0~F) to control each group from the 16 groups.

Broadcast mode

S1   S2

The broadcast model can be set when the S1 dial arrowhead is points to 5 or B~F, the S2 can be random.

Single address mode

S1   S2

When S1 dial to 6~9, it can control a single address, it can control up to 0~63 addresses.
Address calculation: when S1 dials to 6, the address is (S1- 6) *16+S2. Such as:
The power supply address is 15, then you can set them: S1 dials to 6, S2 dials to F. By analogy, the other address setting are as same as the single address operation above.
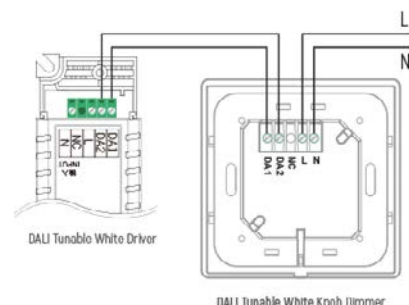
Installation Guide

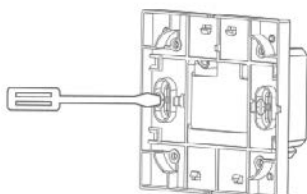1. Mount an electrical box inside the wall

2. To separate the panel and the back cover of the controller with a screwdriver along the gap of the back cover.
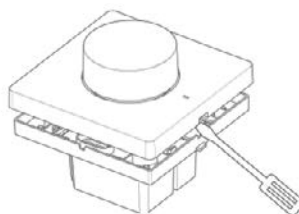
3. Connect the wires according to the "Wiring Diagram"

DALI Tunable White Driver

DALI Tunable White Knob Dimmer

4. To put the back cover on the electrical box and fix it with the screw.

5. To buckle the glass panel to the bottom box.