FDD-L2B **Bluetooth** - PWM

CASAMBI **2CH dimming** interface
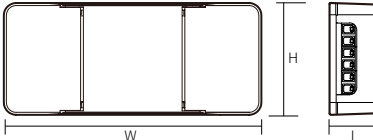
DATE	
PROJECT	
TYPE	

PRODUCT FEATURES

- LED Lighting Interface
- Bluetooth-controllable

RADIO TRANSCEIVER

- Operating frequencies : 2400 - 2480GHz
- Maximum Output Power : 8dBm

INPUT

- Voltage : DC 24V~48V
- Current : Max 8.3A
- Input Signal : Bluetooth

CONTROL

- CASAMBI App
  : The Casambi App can be downloaded free of charge
    from the Apple App Store and Google Play Store.

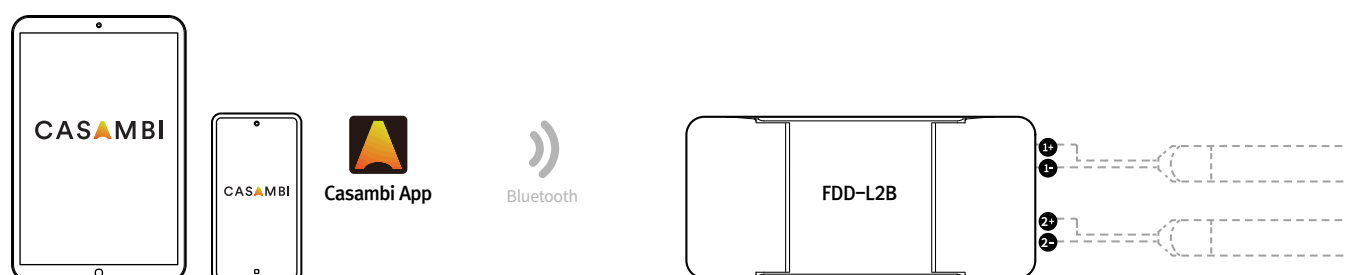GET IT ON Google Play

Available on the App Store

OUTPUT

- Voltage : DC 24V~48V
- Power : Max 200W/24V (Max 100W Per Channel)
          Max 400W/48V (Max 200W Per Channel)
- Current : Max 8.3A(Max 4.15A Per Channel)
- Output Signal : PWM

OTHER

- Length(L) : 20mm
- Width(W) : 108mm
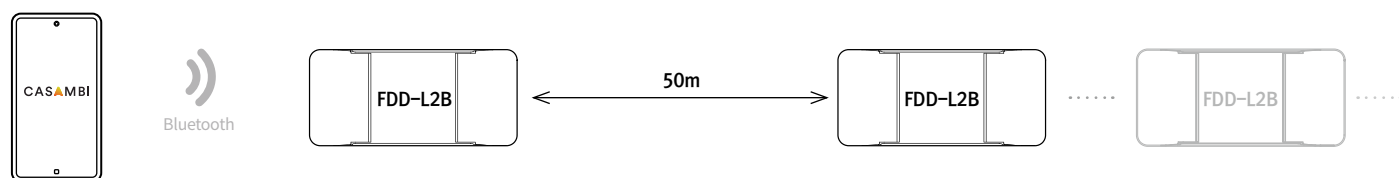- Height(H) : 47mm
- Weight : 60g
- Operating Temperature : 0 to 50℃

DESIGNATION and CONNECTION METHOD

Cover

Screw

Body

DC 24V/48V

Flick power cycle for unpairing

FEELUX

MODEL   FDD-L2B
INPUT   DC 24V / 48V max
SIGNAL   Bluetooth / Tuya App Control
OUTPUT   CH1 : Cool (4.16A Max)
         CH2 : Warm (4.16A Max)

2

CAUTION
Risk of electric shock. Suitable for
Damp locations Risque d'électrocution.
Convient aux emplacements humides

LED LOAD 1CH
(DC 24V-Max.100W)
(DC 48V-Max.200W)

LED LOAD 2CH
(DC 24V-Max.100W)
(DC 48V-Max.200W)

CONNECTION & PARING

CASAMBI

CASAMBI

Casambi App

Bluetooth

FDD-L2B

RANGE

CASAMBI

Bluetooth
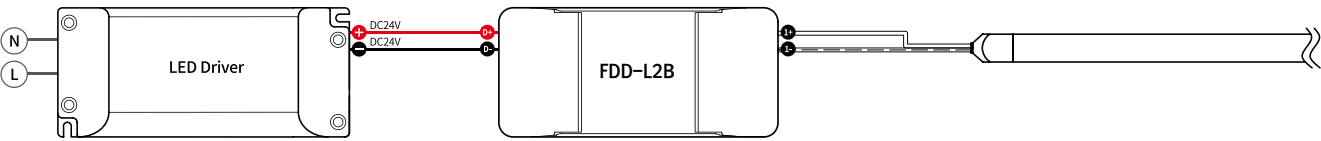
FDD-L2B ←—— 50m ——→ FDD-L2B ...... FDD-L2B ......

Basic distance 5m.
May vary depending
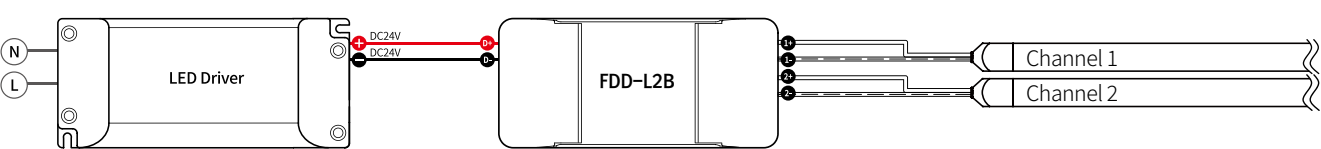on mobile phone performance.

It can achieve radio coverage over 50 meters open air space.
Casambi also serves as a repeater using mesh network technology.
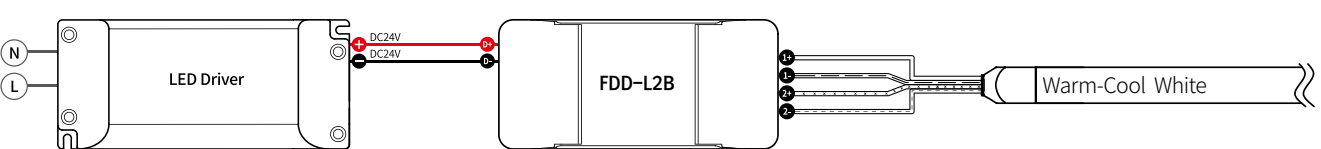Thus, the use of multiple Casambi products within the network can achieve a longer range.

FDD-L2B

FEELUX

WIRING

* 1 Channel Dimming (FDD-L2B - 1Ch)

N — L — LED Driver — DC24V DC24V — FDD-L2B — 1+ 1-

* 2 Channel Dimming (FDD-L2B - 2Ch)

N — L — LED Driver — DC24V DC24V — FDD-L2B — 1+ 1- 2+ 2-
Channel 1
Channel 2

* 2 Channel Dimming/Tunable White (FDD-L2B - 2Ch TW)

N — L — LED Driver — DC24V DC24V — FDD-L2B — 1+ L 2+ 2-
Warm-Cool White

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* 1 Channel Dimming

feelux   GROUP EDIT

FEELUX
FDD-L2B - 1Ch

Dimmer
100.0 %

* 2 Channel Dimming

feelux   GROUP EDIT

FEELUX
FDD-L2B - 2Ch

Dimmer
100.0 %
Dimmer
100.0 %

* 2 Channel Dimming/Tunable White

feelux   GROUP EDIT

FEELUX
FDD-L2B - 2ChTW

Dimmer
100.0 %
Color Temperature
4600 K

PROFILE CONFIGURATION

It is available by setting the profile according to the connection.
- A method of changing from 1channel to 2channels is shown as an example. (The method of change is the same between channels.)
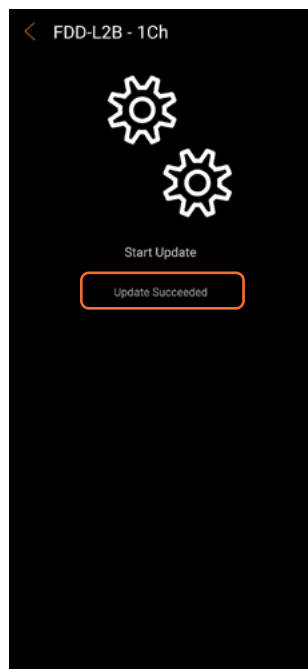
1) Select Change Profile
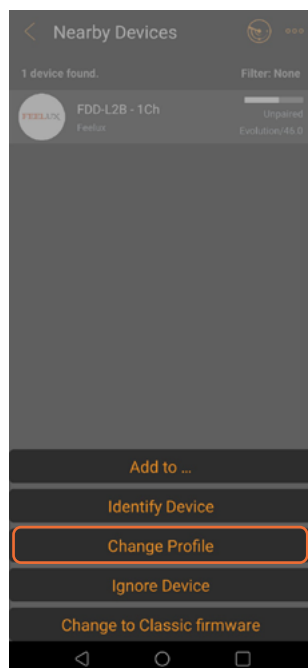
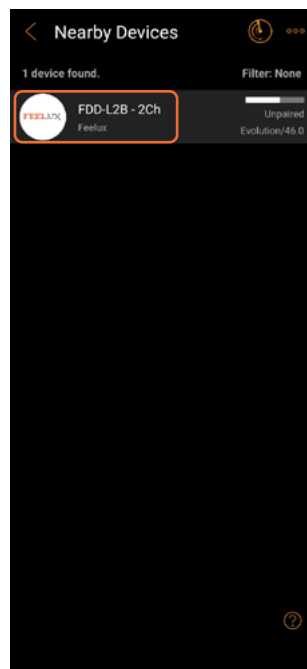

2) Selet the correct profile

3) Selet Start Update
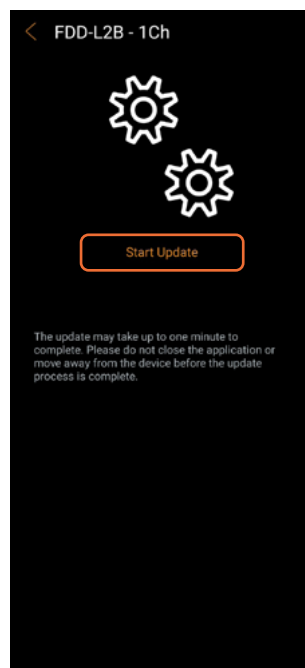
4) Check update status
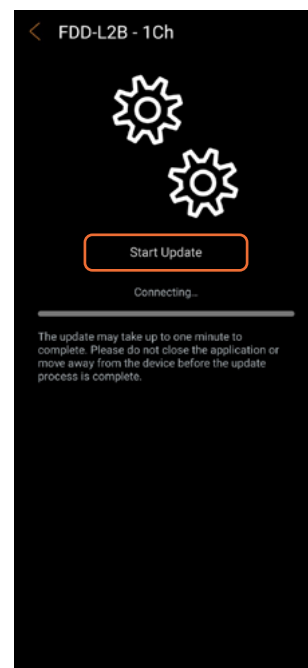
5) Check update Succeeded
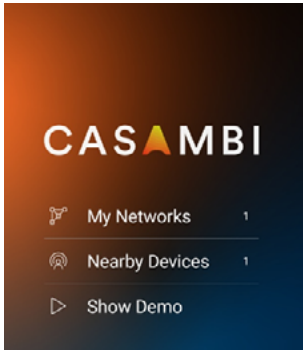

6) Check the changed profile
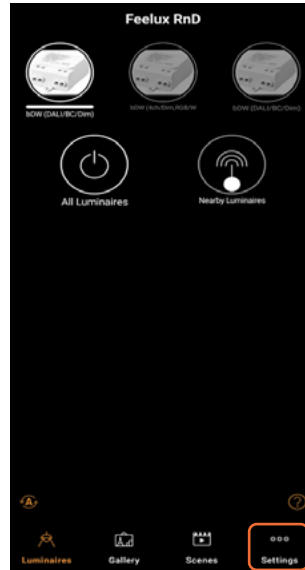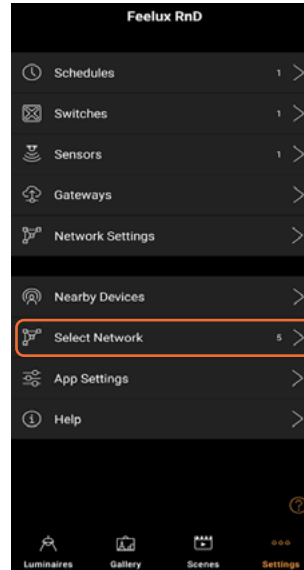
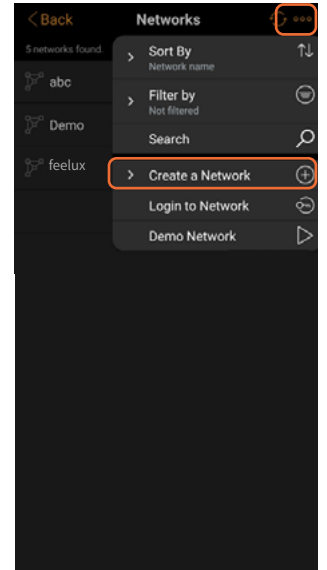## CASAMBI APP USE EXAMPLES

1. Network configuration

1) Launch the app
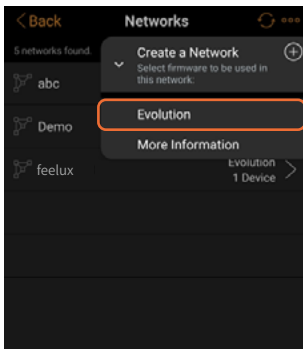

2) Select 'Settings'

3) Choose 'Select Network' from the menu
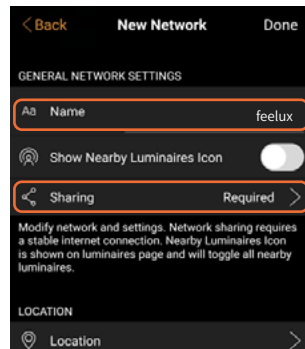

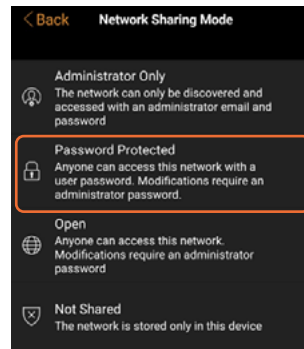**4) Select '…' / Choose 'Create a Network**
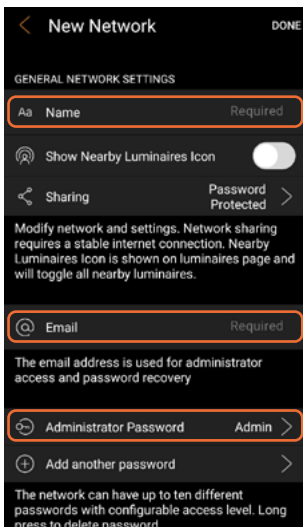

5) Select Evolution

6) Set the network name

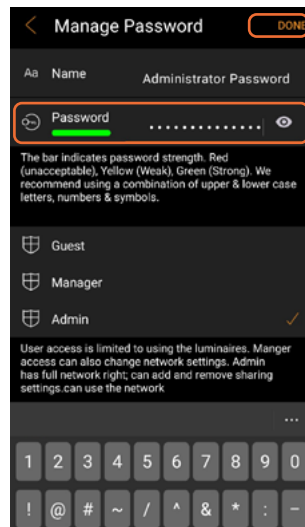**7) For internal use, please select 'Password Protected'**

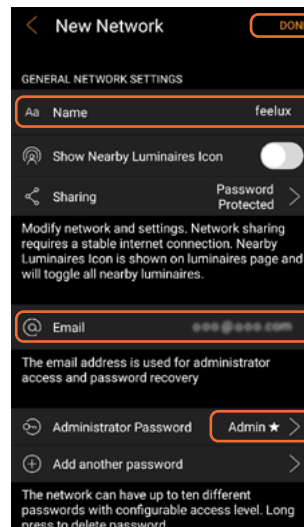
Please Visit website for how to configure network sharing.
https://support.casambi.com/support/home

8) Network Name, Email, Password Setting

9) Click the 'DONE' after setting the password
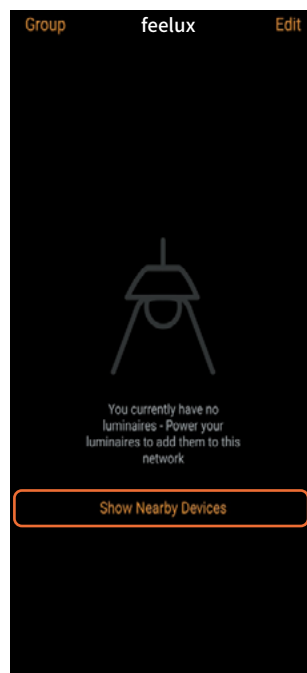

10) Click the 'DONE' after checking the set values

KH FEELUX Co., Ltd. 235-48 Gwangjeok-Ro Gwangjeok-Myeon Yangju-Si Gyeonggi-Do Korea | Tel: +82.70.7780.8200 | www.feelux.com

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CASAMBI APP USE EXAMPLES
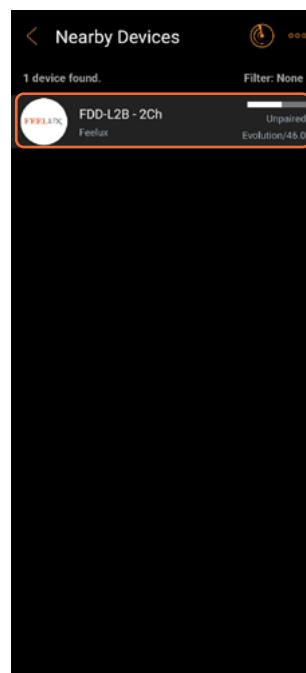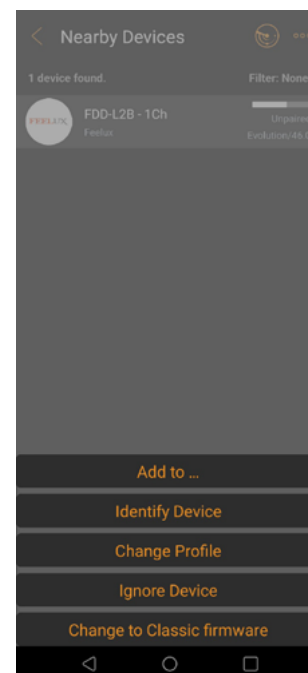
2. Pairing

1) Select Network
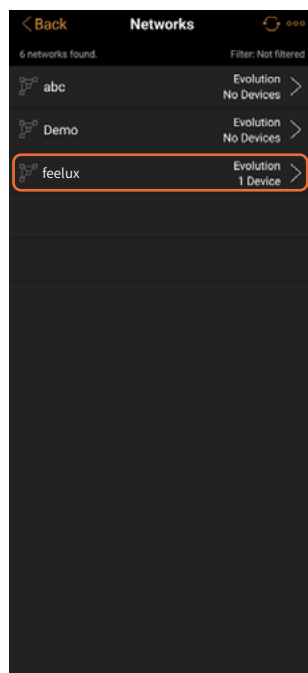
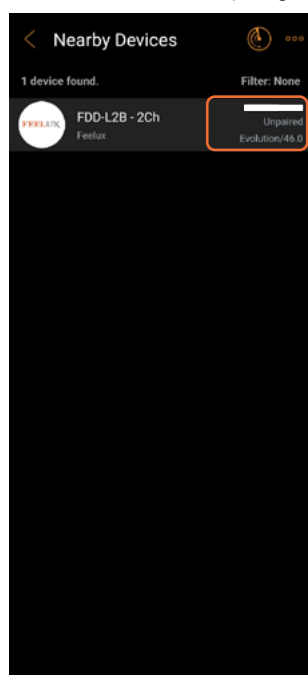**2) Press 'Show Nearby Devices'**

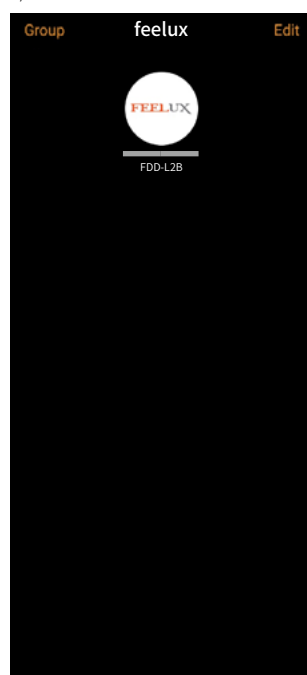**3) Select Device**

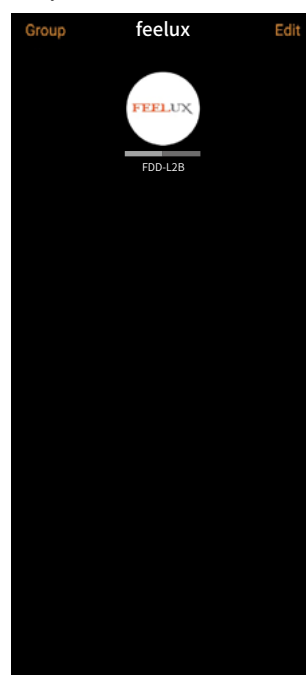**4) Add Selected Device to Network**

5) Make sure the device is in pairing mode.

6) Click Device

7) Adjust the dimmer levels to set the brightness.

→ For the correct functioning of the CASAMBI© mobile app, please visit the forum on the Casambi website:
https://support.casambi.com/support/home