

# FDD-L20

LED Lighting Interface(0-10/1-10V, Dim to Warm)

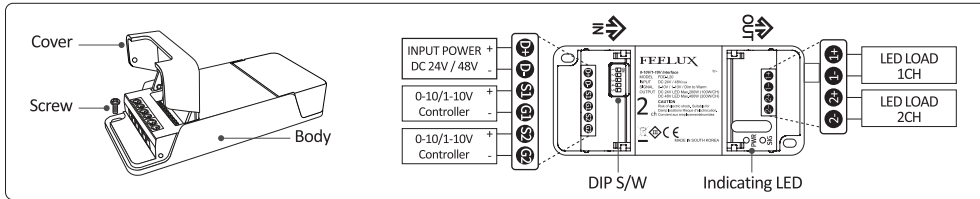
## Product Specification

- TYPE FDD-L20
- INPUT DC24V~48V / Max 8.3A
- OUTPUT 200W/24V [100W/CH] Max  
400W/48V [200W/CH] Max  
Max 8.3A (Max 4.15A/CH)
- INPUT SIGNAL 0-10 / 1-10V Control Signal
- OUTPUT SIGNAL PWM 2CH



Class of protection III  
Degree of protection IP 20  
Radio-interference-suppressed

## Designation and Connection method



## Installation

\* Detailed wiring diagram: back page

1 Open both covers and secure product.

2 Connect DC power to the input direction as shown in the wiring diagram.

3 Connect the signal wires from the 0-10/1-10V controller as shown in the wiring diagram.

4 Connect the LED module to the output direction as shown in the wiring diagram.

5 Close the cover after the cables organized.

4, 5: Mode switching setting (ON, OFF)

- DIMMING SPEED: OFF: Immediate DIMMING, ON: Smooth DIMMING
- OFF: Light OFF at 1V or lower
- ON: Maintain minimum brightness at 1V or lower
- OFF: 0-10 mode
- ON: 1-10 mode

·PWR(RE D LED) : Lights up when powered

·SIG(GREEN LED) : Lights up when receiving a signal

Mode	Setting	4	5	PWR (RED LED)	SIG (GREEN LED)
Dim to Warm Mode		ON	ON	● ON	☀ 1 second 2 times
Tunable White Mode		ON	OFF		☀ 1 second 1 times
Single Control Mode-1		OFF	OFF		○ OFF
Single Control Mode-2		OFF	ON		● ON

## Safety Precaution

**WARNING** Risk of Electrical Shock - More Than One Source of Supply - Disconnect All Power Sources Before Servicing

### CAUTION

- Do not connect more than 100W load per channel.
- Do not touch with wet hand. There is a chance of electric shock.
- Do not install this product close to flammables or heaters.
- Do not pull fixed wires at the terminal
- Do not install at wet place. There is a chance of electric shock.
- Pull out the power cord in case of smoke or strange smell
- Do not disassemble or remodel this product

## Product warranty

One-year warranty, with one-to-one free replacement after inspection. (excluding brackage due to transportation & mis-handling)

## Wiring diagram

