



Dim to Warm

Tunable White

0(1)-10V Dimming

FDD-L20

Dim to Warm, Tunable White,
0-10V/1-10V 2CH dimming interface

DATE

PROJECT

TYPE

PRODUCT FEATURES

- Slim interface with multiple functions.
- Dim to warm mode
- Tunable white mode
- Quick mode change with a function switch
- Dip Switch to select 0-10V and 1-10V mode.
- 1CH 100W, Total 2CH, 200W

INPUT

- Voltage : DC 24V
- Current : Max 8.3A

OUTPUT

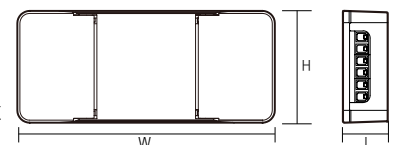
- Voltage : DC 24V
- Power : Max 200W(Max 100W Per Channel)
- Current : Max 8.3A(Max 4.15A Per Channel)
- Signal : PWM

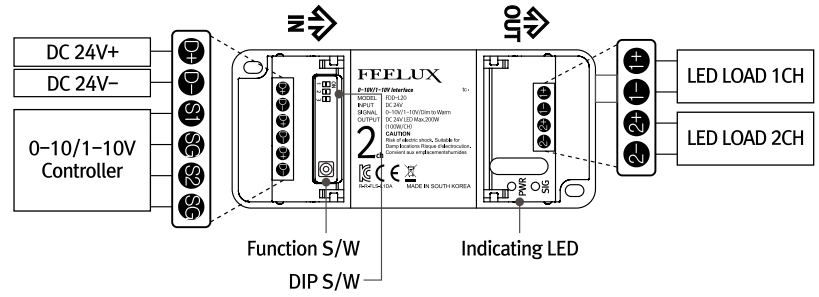
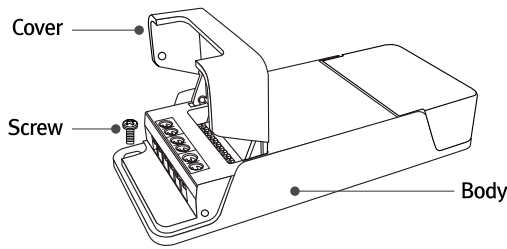
CONTROL

- 0-10/1-10 Control Input Signal

OTHER

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





Recommended Fixture



FDD-L20

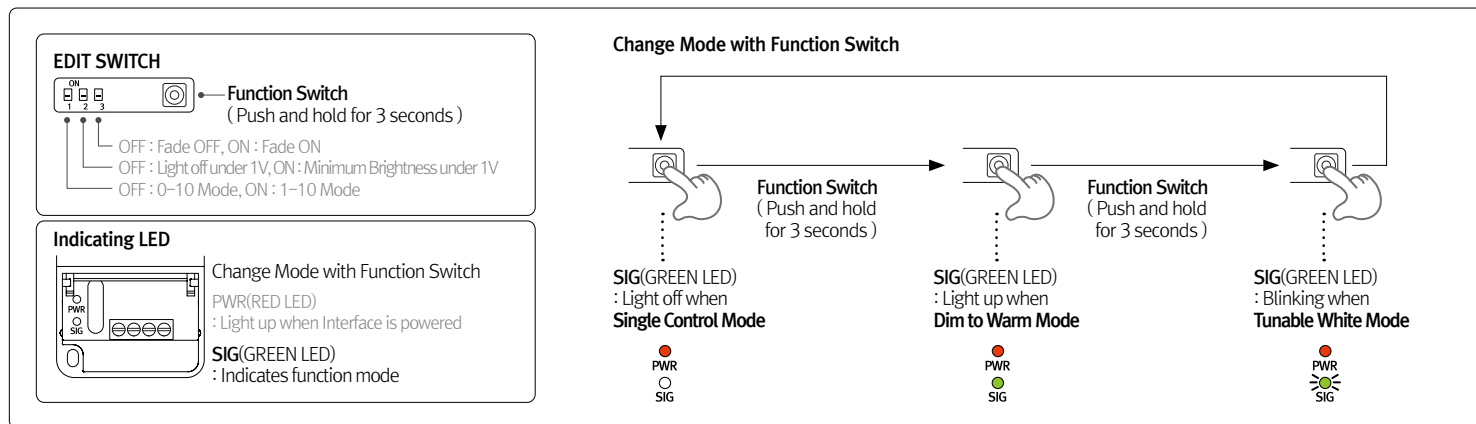
FLXible Neon 2 Dual (FN2)

FLXible Neon 1 Dual (FN1)

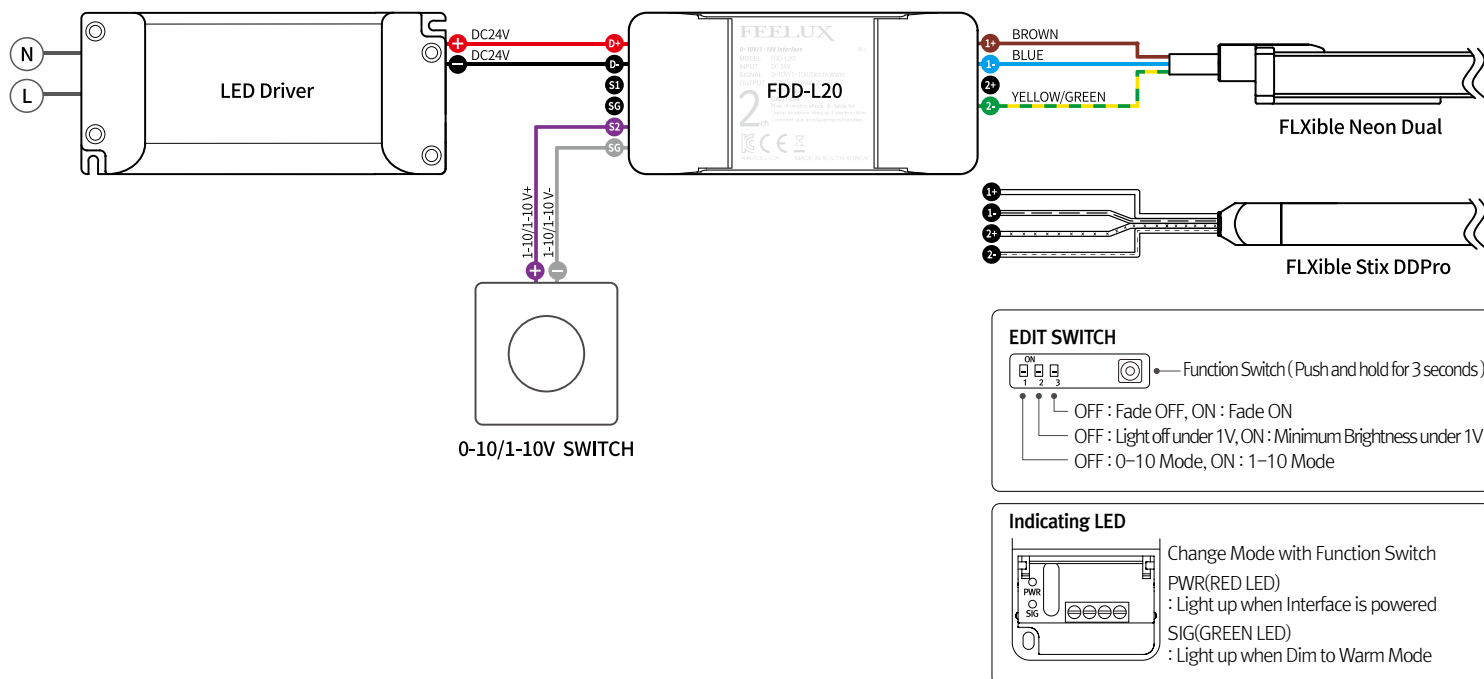
FLX Stix DDPro (DDP)

Specification

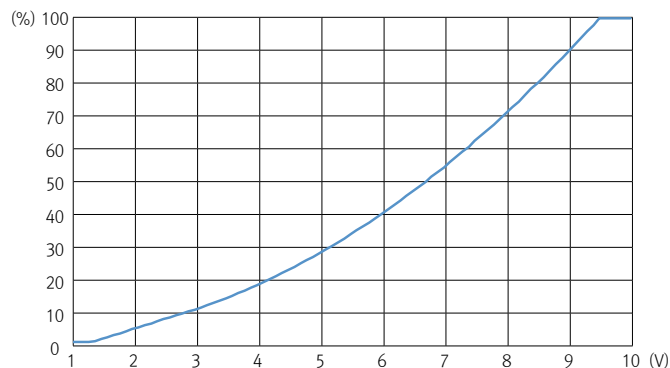
Model Number	Power Input	Lamp Power	Lumens	Efficiency	Color Temperature	Operating Temperature
FN1 SC-24V-1M	DC 24V	19.2 W	505 lm	27 lm/W	2,200K ~ 4,000K	-10°C ~ 50°C
FN2 SC-24V-1M	DC 24V	19.2 W	867 lm	46 lm/W	2,200K ~ 4,000K	-10°C ~ 50°C
DDP3 SC-24V-C90	DC 24V	2.9 W	182 lm	63 lm/W	2,200K ~ 4,000K	0°C ~ 45°C
DDP6 SC-24V-C90	DC 24V	5.7 W	366 lm	64 lm/W	2,200K ~ 4,000K	0°C ~ 45°C
DDP12 SC-24V-C90	DC 24V	11.5 W	753 lm	65 lm/W	2,200K ~ 4,000K	0°C ~ 45°C
DDP18 SC-24V-C90	DC 24V	17.5 W	1,150 lm	67 lm/W	2,200K ~ 4,000K	0°C ~ 45°C
DDP24 SC-24V-C90	DC 24V	222.8 W	1,505 lm	66 lm/W	2,200K ~ 4,000K	0°C ~ 45°C



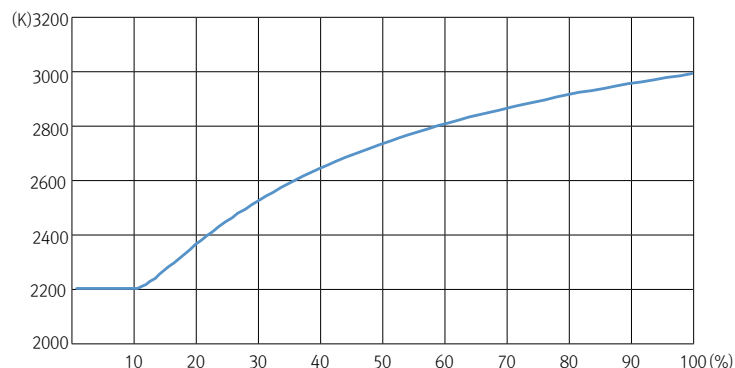
Dim to Warm Mode



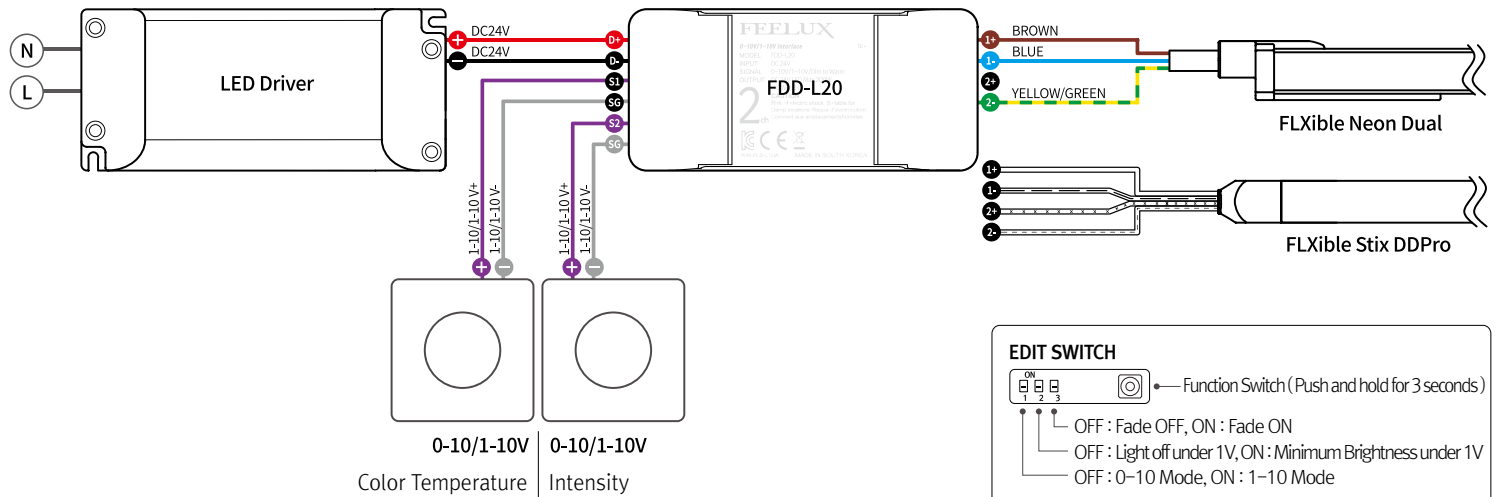
Input Voltage vs Output



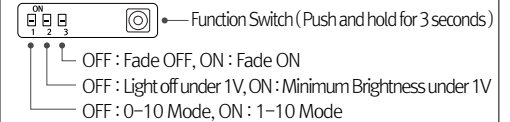
Output vs Color temperature



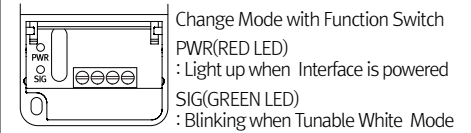
Tunable White Mode (0-10/1-10V)



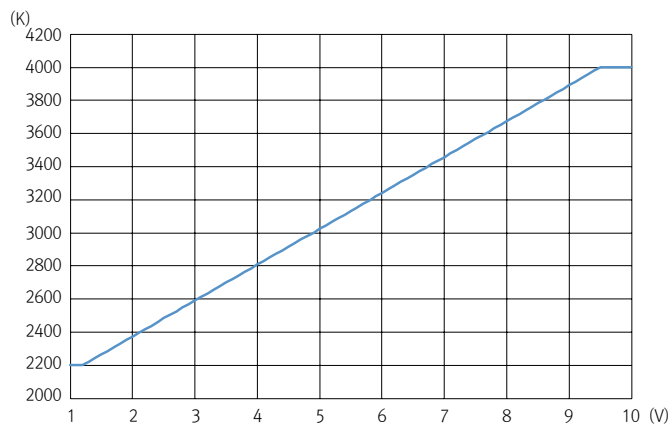
EDIT SWITCH



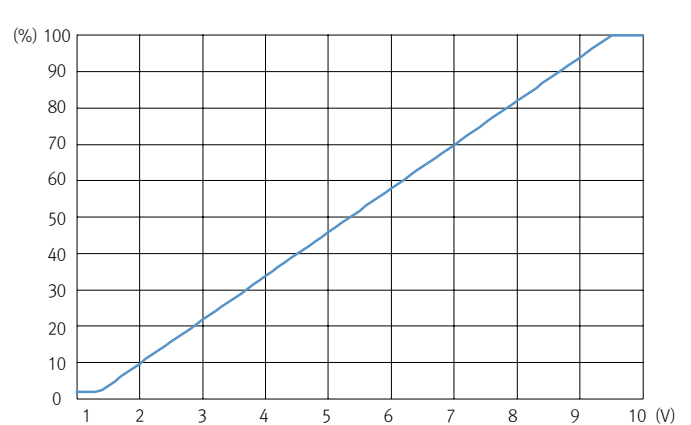
Indicating LED



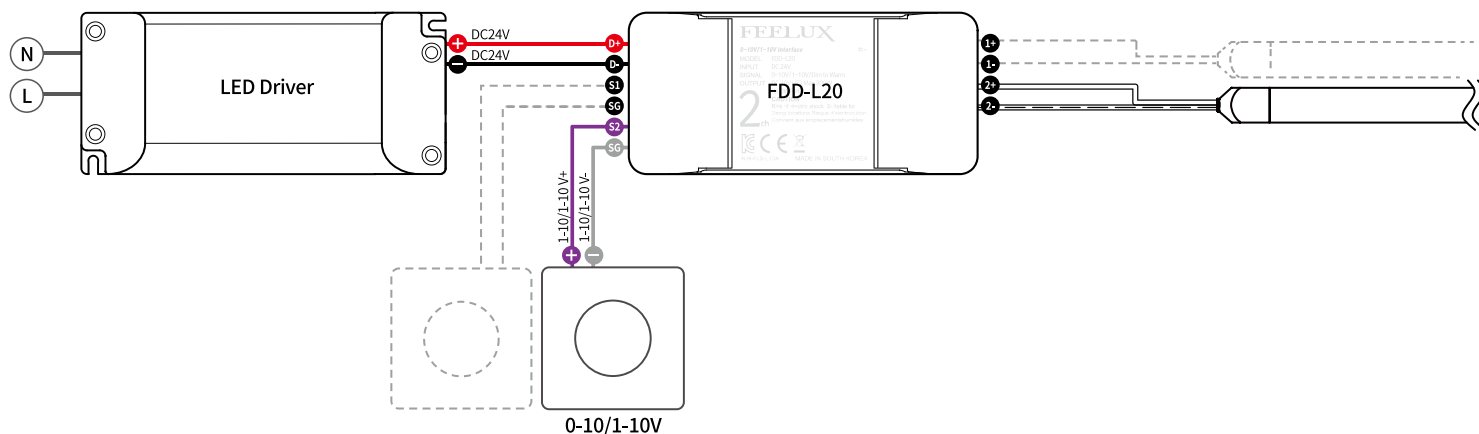
Input Voltage vs. Color temperature (Tunable White Mode)



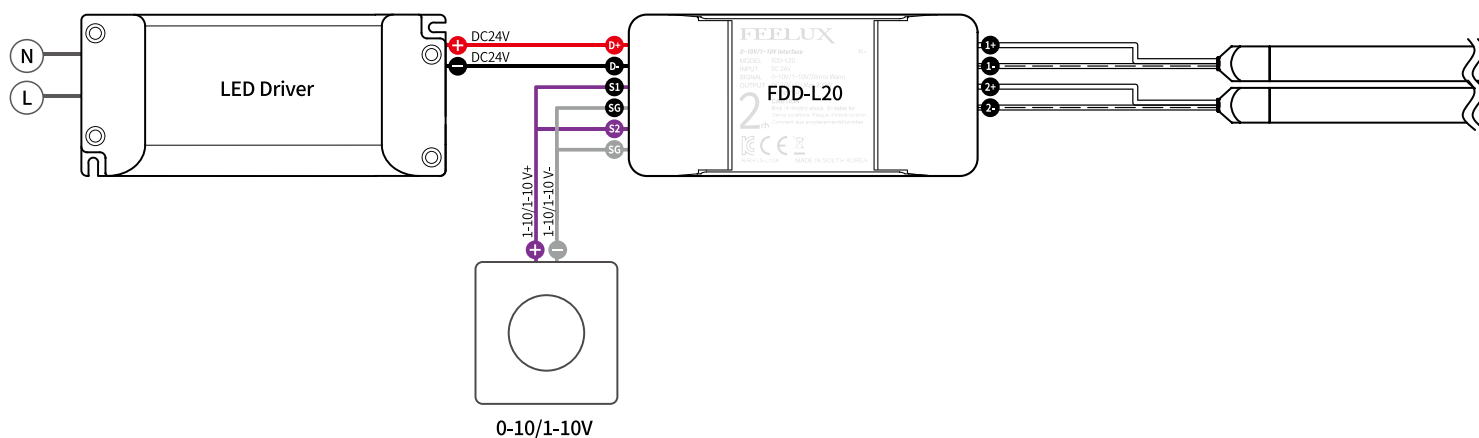
Input Voltage vs Output



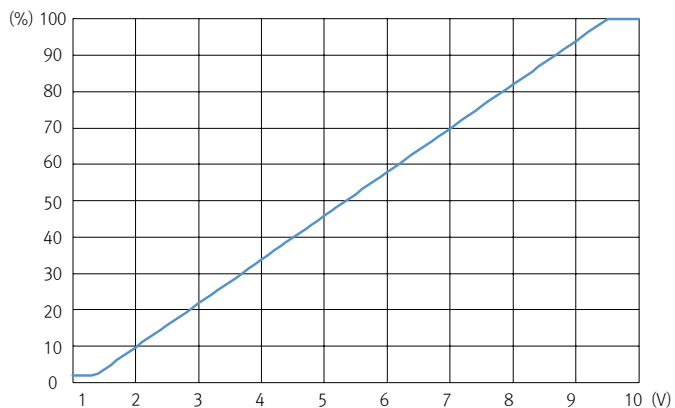
Single Control Mode (0-10/1-10V) – 1 Channel (Individual control in channels)



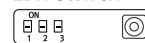
Single Control Mode (0-10/1-10V) – 2 Channel (Control simultaneously with a single switch)



Input Voltage vs Output

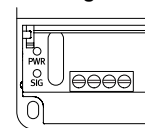


EDIT SWITCH



- OFF : Fade OFF, ON : Fade ON
- OFF : Light off under 1V, ON : Minimum Brightness under 1V
- OFF : 0-10 Mode, ON : 1-10 Mode

Indicating LED



- Change Mode with Function Switch
- PWR(RED LED)
: Light up when Interface is powered
- SIG(GREEN LED)
: Light off when Single Control Mode