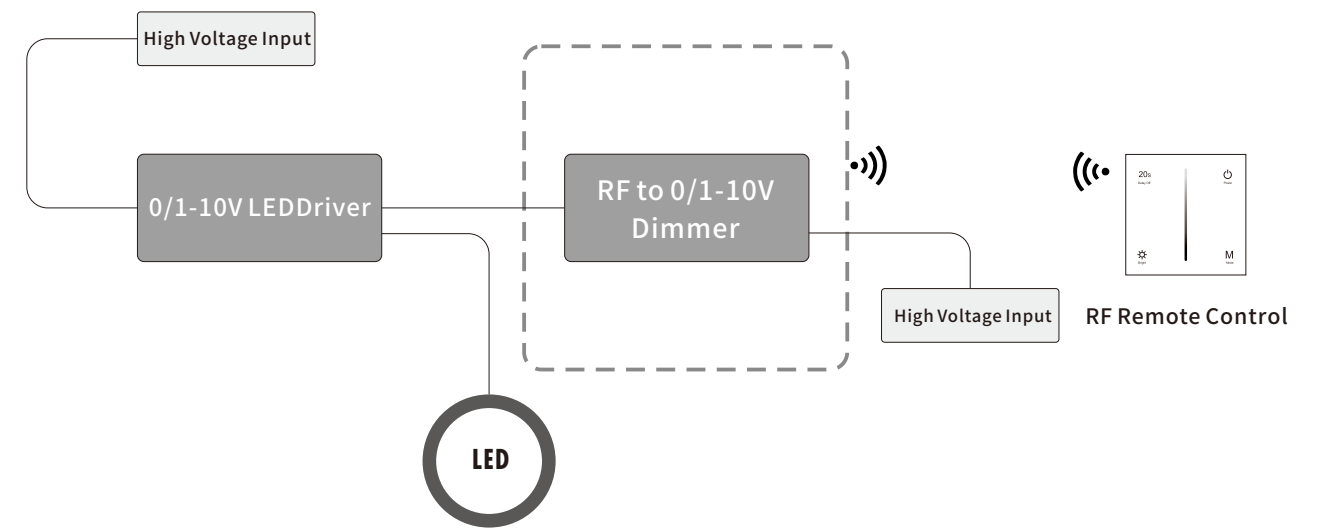


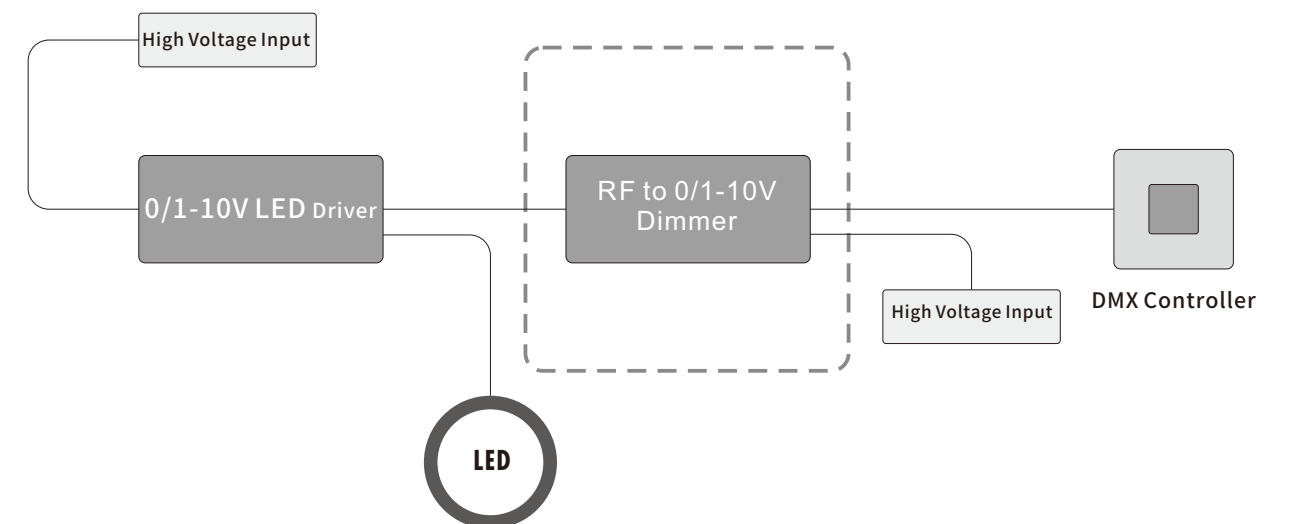
# 0/1-10V SERIES

## 0/1-10V LED Series

### RF to 0/1-10V



### DMX512 to 0/1-10V



## 0/1-10V Series



The 0/1-10V series perfectly solves the problem of compatibility between the fluorescent lamp dimming system and LED lighting. SKYDANCE 0/1-10V series products have a built-in high-performance MCU that supports five-in-one dimming, and 0~100% dimming range. Logarithmic characteristic dimming, compatible with various brands of 0/1-10V dimmers and control systems on the market, such as Lutron, EVITIN, Schneider, etc. SKYDANCE 0/1-10V series includes 0/1-10V panel dimmer, RF or DMX to 0/1-10V signal converter, 0/1-10V low voltage dimming driver, 0/1-10V dimming constant voltage power supply, 0/1-10V dimming constant current power supply and other products, provide a complete 0/1-10V lighting control System solution.

### 0/1-10V Panel Dimmer



| Mode  | Input Voltage | Output Signal | Output Current          | Size            |
|-------|---------------|---------------|-------------------------|-----------------|
| KL    | 100-240VAC    | 0/1-10V       | 0/1-10V ≤20mA, AC ≤1.5A | L86*W86*H48.5mm |
| T18   | 100-240VAC    | 0/1-10V       | 0/1-10V ≤20mA, AC ≤1.5A | L86*W86*H33mm   |
| T18-1 | 100-240VAC    | 4CH 0/1-10V   | 4CH, ≤10mA/CH           | L86*W86*H33mm   |
| T18-2 | 100-240VAC    | 0/1-10V       | 0/1-10V ≤20mA, AC ≤1.5A | L86*W86*H33mm   |
| T18-3 | 100-240VAC    | 0/1-10V       | 0/1-10V ≤20mA, AC ≤1.5A | L86*W86*H50mm   |

### RF 0/1-10V Dimmer



| Mode  | Input Voltage   | Input Signal       | Output Signal | Output Current          | Size           |
|-------|-----------------|--------------------|---------------|-------------------------|----------------|
| L1    | 220VAC          | RF2.4G+Push switch | 0/1-10V       | 0/1-10V ≤20mA, AC ≤1.5A | L52*W52*H26mm  |
| L4-M  | 220VAC/12VDC    | RF2.4G             | 4CH, 0-10V    | 4CH, 10mA/CH            | L114*W38*H20mm |
| L4-ML | 220VAC/12-24VDC | RF2.4G             | 4CH x 0/1-10V | 0/1-10V 20mA/CH, AC ≤3A | L175*W45*H27mm |

### DMX 0/1-10V Dimmer



| Mode | Input Voltage          | Input Signal | Output Signal | Output Current | Size           |
|------|------------------------|--------------|---------------|----------------|----------------|
| DL   | 12-24VDC               | DMX512       | 4CH, 0/1-10V  | 4CH, 20mA/CH   | L115*W48*H67mm |
| DL-L | 100-240VAC or 12-24VDC | DMX512       | 4CH, 0/1-10V  | 4CH, 20mA/CH   | L170*W50*H23mm |

### 0/1-10V Constant Voltage LED Controller



| Mode | Input Voltage | Input Signal             | Output Current | Output Power                 | Size             |
|------|---------------|--------------------------|----------------|------------------------------|------------------|
| LV   | 5-36VDC       | 0/1-10V                  | 1CH, ≤8A       | 12V<96W, 24V<192W, 36V<288W  | L97*W33*H18mm    |
| LV-L | 12-36VDC      | 0/1-10V, Push switch     | 1CH, ≤12A      | 12V<144W, 24V<288W, 36V<432W | L175*W45*H27mm   |
| V1-T | 12-24VDC      | 0/1-10V, RF, Push switch | 1CH, ≤20A      | 12V<240W, 24V<480W           | L107*W75*H24.5mm |
| L4-L | 12-36VDC      | 0/1-10V, Push switch     | 4CH, 5A/CH     | 12V<240W, 24V<480W, 36V<720W | L175*W45*H27mm   |
| L4-D | 12-36VDC      | 0/1-10V, Push switch     | 4CH, 5A/CH     | 12V<240W, 24V<480W, 36V<720W | L110*W48*H67mm   |

## 0/1-10V Constant Voltage Dimmable LED Driver

1. AC 100-240V input, DC 12/24V output, 1 way PWM constant voltage.
2. The output power is 12-150W.
3. Dimming mode: 0-10V, 1-10V, 10V PWM, resistance, AC Push-Dim (self-reset switch).
4. Choose a 0/1-10V dimmer with RF function, the 0/1-10V led driver can realize RF remote control.
5. Over temperature/over load/short circuit protection, automatic recovery.
6. 5-year warranty and 50,000 hours warranty.



| Mode       | Output          | Output Voltage | Input      | Power Factor | THD                       | Efficiency  | Size        |
|------------|-----------------|----------------|------------|--------------|---------------------------|-------------|-------------|
| LN-12-12   | 12W/12V/1A      | 12VDC          | 100-240VAC | /            | /                         | >81%/230VAC | 138x32x24mm |
| LN-40-12   | 40W/12V/3.34A   | 12VDC          | 100-240VAC | /            | /                         | >81%/230VAC | 168x44x30mm |
| LN-40-24   | 40W/24V/1.67A   | 24VDC          | 100-240VAC | /            | /                         | >86%/230VAC | 168x44x30mm |
| LN-75-12   | 75W/12V/6.25A   | 12VDC          | 100-240VAC | /            | /                         | >90%/230VAC | 179x56x30mm |
| LN-75-24   | 75W/24V/3.125A  | 24VDC          | 100-240VAC | /            | /                         | >90%/230VAC | 179x56x30mm |
| LF-150-12  | 150W/12V/12.48A | 12VDC          | 100-240VAC | >0.95/230VAC | <5%/100VAC<br><10%/230VAC | >82%/230VAC | 244x68x36mm |
| LF-150-24  | 150W/24V/6.24A  | 24VDC          | 100-240VAC | >0.95/230VAC | <5%/100VAC<br><10%/230VAC | >87%/230VAC | 244x68x36mm |
| LP-150M-12 | 150W/12V/12.5A  | 12VDC          | 100-277VAC | >0.98/230VAC | <5%/100VAC<br><10%/230VAC | >92%/230VAC | 310x45x30mm |
| LP-150M-24 | 150W/24V/6.25A  | 24VDC          | 100-277VAC | >0.98/230VAC | <5%/100VAC<br><10%/230VAC | >92%/230VAC | 310x45x30mm |





# SKYDANCE

## 0/1-10V Constant Current Dimmable LED Driver

1. AC 100-240V input, DC 10-52V, 150-1750mA output, 1 way PWM constant current.
2. The output power is 12-50W.
3. Dimming mode: 0-10V, I-10V, 10V PWM, resistance, AC Push-Dim (self-reset switch).
4. Choose a 0/1-10V dimmer with RF function, the 0/1-10V led driver can realize RF remote control.
5. The current can be selected through the dial switch.
6. Over temperature/over load/short circuit protection, automatic recovery.
7. 5-year warranty and 50,000 hours warranty.



| Mode     | Output   | Output Voltage | Input      | Power Factor                 | THD         | Efficiency  | Size        |
|----------|--|----------------|------------|------------------------------|-------------|-------------|-------------|
| LF-10A-H | 10W/350mA/400mA/<br>450mA/500mA/550mA/<br>600mA/650mA/700mA      | 3-24VDC        | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | <6%/230VAC  | >78%/230VAC | 138x32x24mm |
| LF-10A-L | 10W/350mA/400mA/<br>450mA/500mA/550mA/<br>600mA/650mA/700mA      | 3-24VDC        | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | <6%/230VAC  | >78%/230VAC | 138x32x24mm |
| LN-12A-H | 12W/350mA/400mA/<br>450mA/500mA/550mA/<br>600mA/650mA/700mA      | 3-24VDC        | 100-240VAC | /                            | /           | >77%/230VAC | 138x32x24mm |
| LN-12A-L | 12W/100mA/150mA/<br>200mA/250mA/300mA/<br>350mA/400mA/450mA      | 9-42VDC        | 100-240VAC | /                            | /           | >78%/230VAC | 138x32x24mm |
| LF-12A-H | 12W/350mA/400mA/<br>450mA/500mA/550mA/<br>600mA/650mA/700mA      | 3-24VDC        | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | <6%/230VAC  | >78%/230VAC | 138x32x24mm |
| LF-12A-L | 12W/100mA/150mA/<br>200mA/250mA/300mA/<br>350mA/400mA/450mA      | 9-42VDC        | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | <6%/230VAC  | >78%/230VAC | 138x32x24mm |
| LF-15A   | 15W/150mA/200mA/<br>350mA/400mA/450mA/<br>500mA/650mA/700mA      | 10-45VDC       | 100-240VAC | >0.98/115VAC<br>>0.93/230VAC | <10%/230VAC | >80%/220VAC | 168x44x30mm |
| LF-25A   | 25W/250mA/300mA/<br>350mA/400mA/500mA/<br>600mA/700mA/900mA      | 10-52VDC       | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | >10%/230VAC | >80%/220VAC | 168x44x30mm |
| LF-36A   | 36W/350mA/500mA/<br>600mA/700mA/800mA/<br>900mA/1050mA/1200mA    | 10-52VDC       | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | >8%/230VAC  | >82%/220VAC | 168x44x30mm |
| LF-50A   | 50W/500mA/700mA/<br>900mA/1050mA/1200mA/<br>1400mA/1600mA/1750mA | 10-52VDC       | 100-240VAC | >0.99/115VAC<br>>0.95/230VAC | <10%/230VAC | >84%/220VAC | 133x88x30mm |

