NSL
NATIONAL SPECIALTY LIGHTING
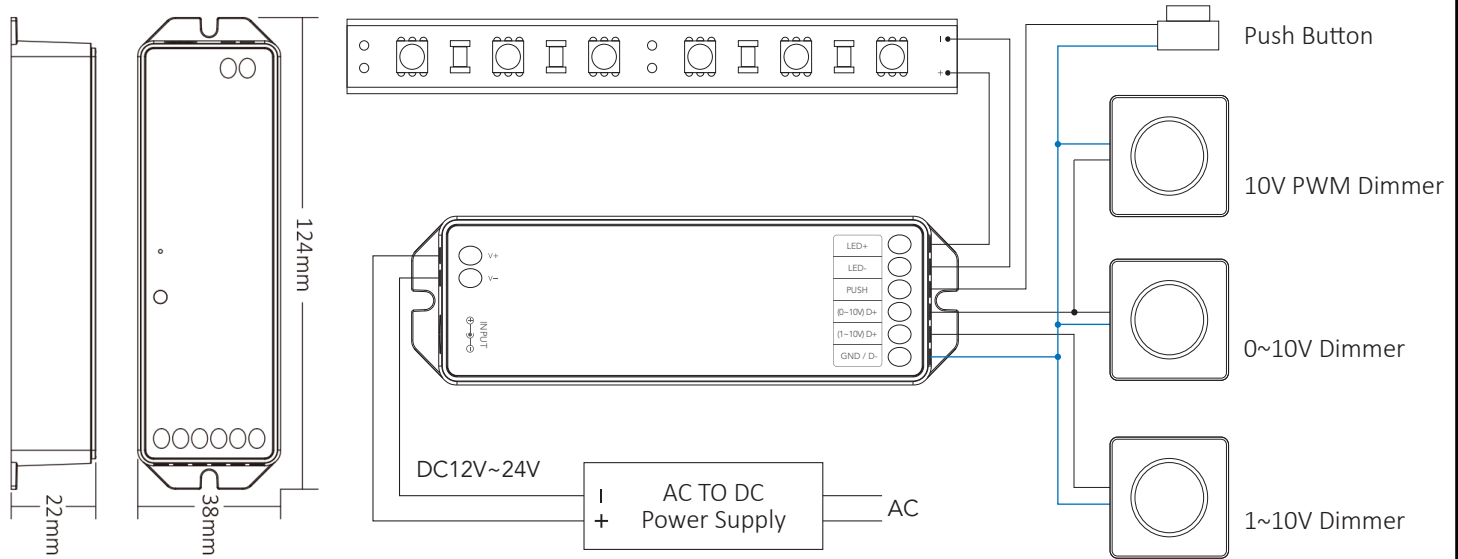
0/1~10V Dimming Controller

This dimming driver offers 0-100% brightness control via 0-10V, 1-10V, and PWM signals. Featuring 2.4GHz wireless technology, it supports smartphone and voice assistant control (with a gateway), ensuring reliable performance, long-range transmission, and easy integration into lighting systems.

Compatible Fixtures

- Low Power Indoor (3000K) | SL-ID-30K-LP-XX-A8
- Standard Tape, High Power Indoor (2700K) | ST-ID-27K-HP-20-B0
- Standard Tape, High Power Indoor (3000K) | ST-ID-30K-HP-20-B0
- Standard Tape, Low Power Indoor (2700K) | ST-ID-27K-LP-20-B0
- Standard Tape, Low Power Indoor (3000K) | ST-ID-30K-LP-20-B0
- Gen II LED Hard Strip | LV-HS-PD20-24V-YY-XX (XX: Length; YY: LED color)
- Neon Flex (Single Color) | NFLX-XX-YY
  (XX: Length in feet; YY: Color temperature)
- Low Power eStrip | LES-XX-YY
  (XX: Length in feet; YY: Color temperature)
- High Power eStrip | LESHP-XX-YY
  (XX: Length in feet; YY: Color temperature)

Specifications

Input Voltage	DC12-48V
Output Current	Max 12A
Output Power	144-576W
Output Type	0~10V/1~10V/10VP-WM/PUSH Dimming
Control Signal	2.4GHz RF
Control Distance	30m
IP Rating	IP20
Dimming Range	0.1% - 100%
Operating Temperature	-10 to 40°C
Approvals	RoHS

Ordering Code(s)

- CNTRL-RGBCCT

Project		Type	
Date		Contact	
Notes			

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