

READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.

Before beginning installation, ensure power is turned OFF to the light system or it is unplugged.

OPTION 1 — Control All Lights with One Controller and Power Supply or One Controller to a 6 MINI port splitter.

Use Extension Cord if more length is needed.

For a 12V system use the L-PWCON-12SXT-96-DFE-1 or for a 24V system use the L-PWCON-24SXT-96-DFE-1, each are 96".

1. Mount controller by drilling a recess mount hole, with surface mount bracket or double stick tape.
2. Connect MINI male end of Controller to MINI female port on the power supply.

3. Connect a single light or multiple LED light runs to the power supply. Do not exceed 36W load for each controller on a 12V system and do not exceed 72W load for each controller on a 24V system.

4. Turn the power ON or plug in the power supply.

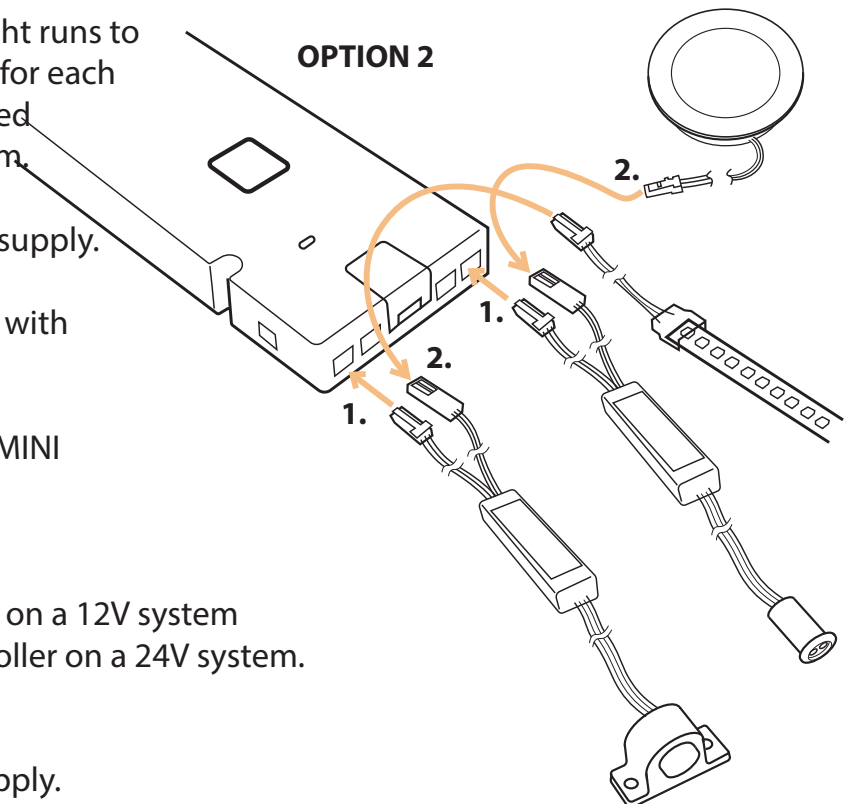
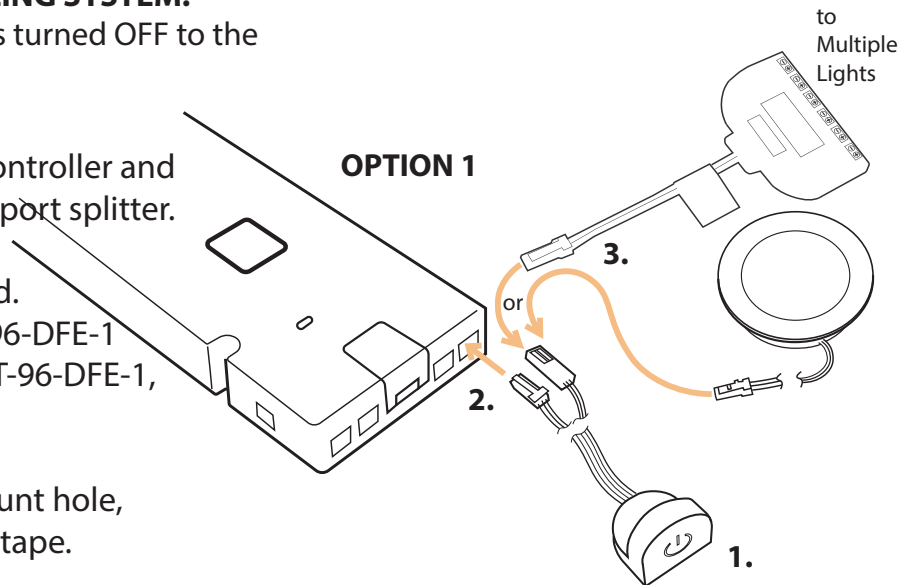
OPTION 2 — Control Lights Independently with Multiple Controllers.

1. Connect MINI male end of Controllers to MINI female ports on the power supply.

2. Connect single lights to each controller.

Do not exceed 36W load for each controller on a 12V system and do not exceed 72W load for each controller on a 24V system. Repeat for additional lights and Controllers.

Turn the power ON or plug in the power supply.



OPTION 3 — Central Control

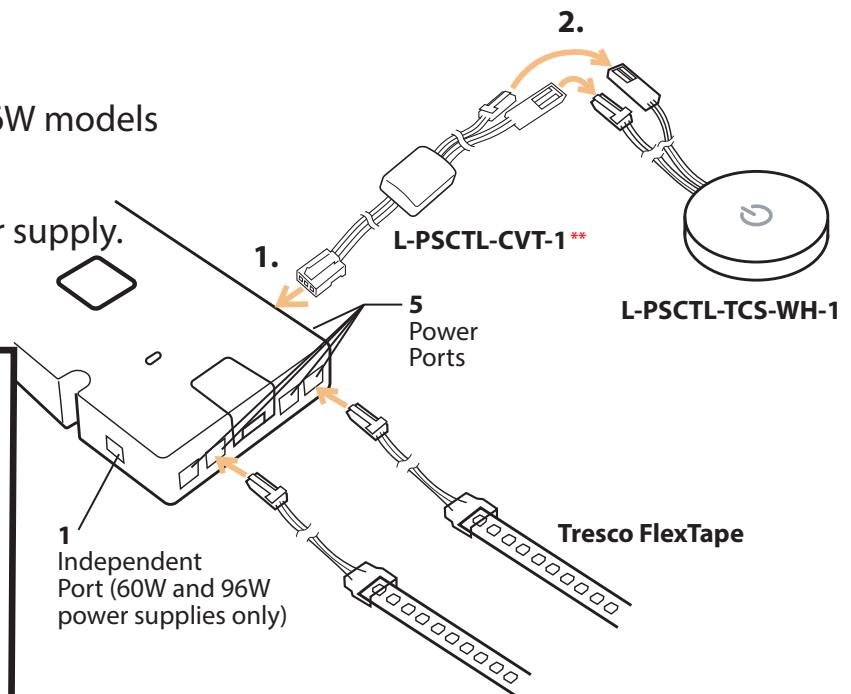
1. Plug in Central Control Port Converter **L-PSCTL-CVT-1**.

2. Then plug in a wired controller to control 5 of the six ports of the power supply for the 60W or 96W models.

Control multiple LED light runs with the 5 Central Control ports on the 60W and 96W models or all 6 with the 36W models.

3. Turn the power ON or plug in the power supply.

OPTION 3 Control All Lights with One Controller and power supply



PowerSync Controllers

L-PSCTL-DS1-NI-1

Nickel Single Door Sensor recessed (door open = light on)
Input and Output Cable 38"
Sensor Cable Length 38"
Sensor Range: < 7"
8mm diameter hole for recess mount

L-PSCTL-DS2-NI-1

Nickel Two Door Sensor recessed (either door open = light on)
Input and Output Cable 38"
Sensor Cable Length 38"
Sensor Range: < 7"
8mm diameter hole for recess mount

L-PSCTL-MOT-NI-1

Nickel Motion Sensor (human motion detection)
Light stays on for 45 seconds after last motion detected
Range: 9'

L-PSCTL-TCS-WH-1

White Touch Dimmer Surface Mount

L-PSCTL-TCU-WH-1

White Touch Control Surface Mount
On/Off only 1" max

L-PSCTL-TDS-NI-1

Nickel Touch Dimmer Side Mount

L-PSCTL-TDR-NI-1

Nickel Touch Dimmer Recessed
12mm diameter hole for recess mount

**** WARNING:** Using more than 1 convertor on the pink central control ports of a power supply will damage the units and void the manufacturer's warranty. The pink central control ports intended use is for one control component and a linking cord or 2 linking cords.

Important Safety Instructions

CAUTION:

To reduce the risk of fire, electric shock, or injury

- For dry locations only.
- Secure cords properly; avoid pinching/damage.
- Use only insulated staples or plastic ties to secure cords.
- Use Class 2 or LPS, 12VDC or 24VDC Power Supply.
- Controller outputs: 12VDC (36W max) or 24VDC (72W max).
- Not intended for enclosed installation into ceilings/soffits.
- Licensed electrician required for installation through ceilings/walls.
- Follow all NEC wiring regulations.