LED Commercial Selectable Strip, Gen 1

Instruction Number: P-INT-X-486
Product Series: TritonPro® CSSL1

WARNING!

- Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.
- Risk of fire or electric shock. Installation requires knowledge of luminaire's electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Risk of fire or electric shock. Wiring and electrical parts may be damaged when drilling for installation of LED strip fixture. Check for enclosed wiring and components.
- Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of strip fixture installation. Do not leave any open holes in an enclosure of wiring or electrical components.
- All wiring connections should be capped with UL approved wire connectors.
- Verify that supply voltage is correct by comparing it with the luminaire label information.

Use this instruction to install the CSSL1 fixture.

Components

1 CSSL1 Fixture

2 Hanging accessories bag (See Fig. A)
Suspension and surface hanging kit:
(2) hanging hooks, (2) suspension cable locking nuts, (2) screws, (2) anchors, wire nuts, junction box cover plate

Sold Separately

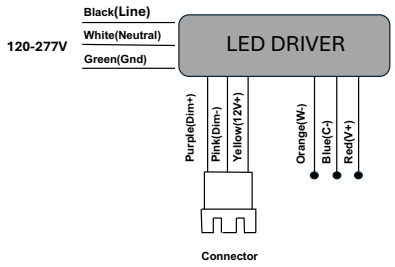
- Connection Plate (CSSL1-CSP-KIT)

Tools Required for Installation

- Phillips screwdriver or cordless drill
- Wire stripper/cutter
- Level
- Wire nuts

A

B



Wiring

1 See Fig. B for wiring diagram.

Field Adjustable Wattage and CCT

Adjust the color temperature and lumen output using the DIP switches in the strip fixture. Each DIP switch accommodates 5 options that correspond to 5 color temperatures (CCT) and 5 power configurations (wattage). Select your desired options before installing the strip fixture. See Fig. C for lumen configurations.

C

Model #	Fixture Size	Factory Setting	Wattage	Lumens
CSSL1A1	2'	20w 2,600lm 6500K	8w	1,000
			11w	1,400
			14w	1,800
			17w	2,200
			20w	2,600
CSSL1B1	4'	40w 5,200lm 6,500K	20w	2,600
			25w	3,200
			30w	3,900
			35w	4,500
			40w	5,200
CSSL1C1	8'	80w 10,400lm 6500K	40w	5,200
			50w	6,500
			60w	7,800
			70w	9,100
			80w	10,400

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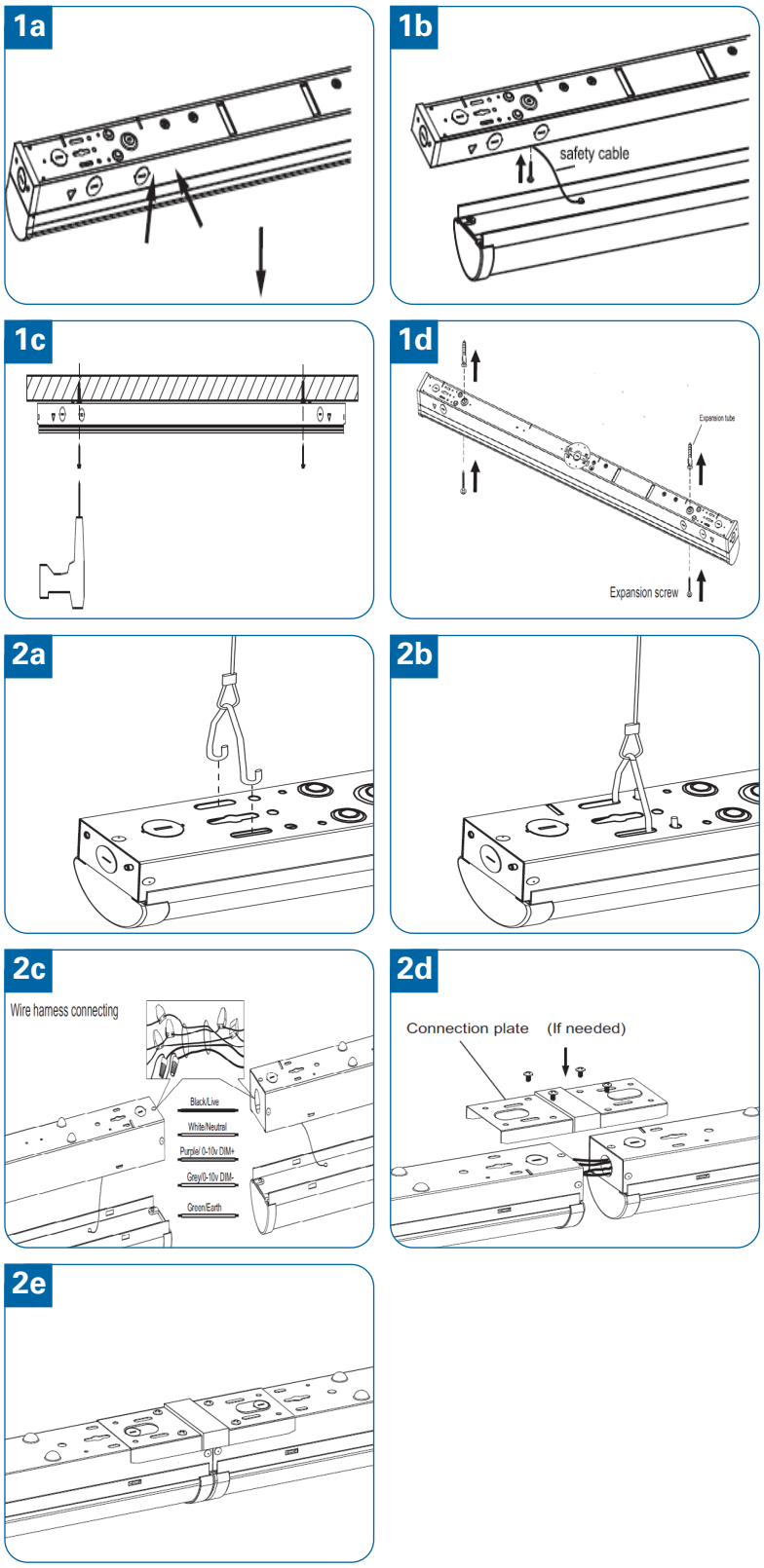
Surface Mount Instructions

1. Turn off power. Unpack all components.
2. Open the fixture by squeezing housing on both sides while pulling on cover (See Fig. 1a and Fig. 1b).
3. Using the fixture as a template, pre-drill holes into mounting surface and insert screw anchors (provided) (See Fig. 1c).
4. Insert junction box plate onto the fixture housing and hold fixture flush against the ceiling.
5. Secure fixture housing to the ceiling by drilling the provided (2) screws into the screw anchors (See Fig. 1d).
6. Make all electrical connections per NEC and local codes. The fixture must be properly grounded.
7. Secure cover assembly to fixture housing by snapping into place.
   CAUTION: Do not pinch wires
8. Restore power and test fixture.

Suspension Mount Instructions

1. Turn off power. Unpack all components.
2. Push cable through adjuster and loop around building structure, passing free end of cable through the adjuster, repeat for second cable.
3. Pass hanging bracket through looped end of cable and mount through designated holes in fixture body (See Fig. 2a and Fig. 2b).
4. Place level on fixture and adjust the cables until fixture is level with the ground (do not hang fixture on an angle (i.e. one end lower than the other). Cut off additional wire on cable; leave extra for future cable adjustments.
5. If mounting end-to-end, run wiring through end knockout to the next fixture and make connections per NEC and local codes (See Fig. 2c). Attach the connection plate to align fixtures (See Fig. 2d and Fig. 2e). **CAUTION:** Do not pinch wires. For safety reasons do not connect more than six 2ft fixtures, more than four 4ft fixtures, or more than three 8ft fixtures in a row.
6. Make all electrical connections per NEC and local codes. The fixture must be properly grounded.
7. Secure cover assembly to fixture housing by snapping into place.
8. Restore power and test fixture.



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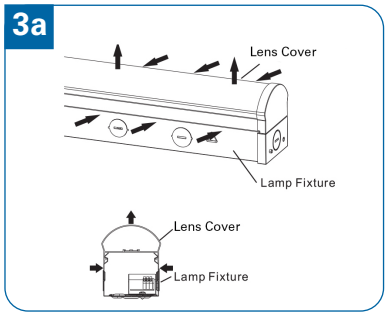
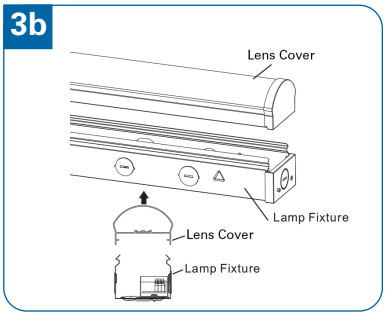
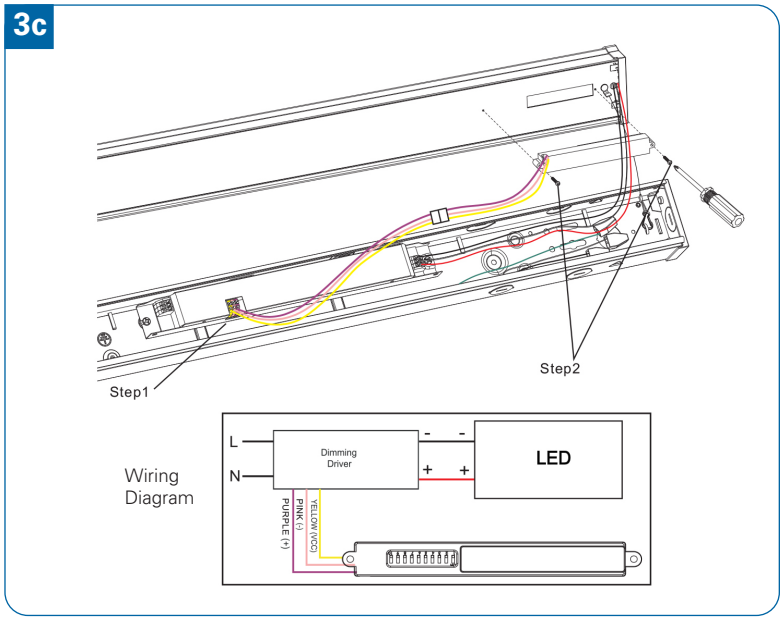
Installation of Sensor

1. Open the fixture by pressing in the direction of the arrow to separate the fixture from the lens cover (See Fig. 3a and Fig.3b).
2. Insert the yellow wire, pink wire, and purple wire on the sensor into the corresponding connection terminals on the back of the LED driver according to the wiring diagram (See Fig. 3c).
   NOTE: To avoid connecting the wrong wires, the colors of the wires in this product are the same as those of the connected terminals).
3. Fix the sensing device to where knockout is located on the cover using screws (See Fig. 3c).
4. Secure cover assembly to fixture housing by snapping into place.
   CAUTION: Do not pinch wires.
5. Restore power and test fixture.







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