

LED Lighting Fixture

SAVE THESE INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- This person should be familiar with the construction and operation of the product and the hazards involved.
- This light is for outdoor use and should not be used in areas of limited ventilation or high ambient temperature.
- Turn off electrical power before inspection, installation or removal.
- Disconnect the power by turning off the circuit breaker - turning the power off by using a light switch is not sufficient to prevent electrical shock.
- Make sure the fixture is cool to the touch before performing maintenance.



Prepare Electrical Wiring



Electrical Requirements

- The fixture must be supplied with a voltage within the specified rating on the product label.
- The fixture must be connected to an individual, grounded branch circuit protected by a properly sized circuit breaker.
- Only use UL (or other NRTL) approved wire for supply connections - minimum 18 AWG, 75°C rated supply wire (or 14 AWG for continuous runs).



Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.

Installation Guide

Preparation



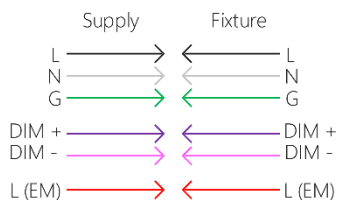
CAUTION:

Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

- Ensure there is no visible damage to the fixture housing, accessories or electrical wires.
- Refer to the **Assembly** section for labeled callouts of main components.
- Refer to the **Accessory** section for the components included with your specific mounting kit.
- Refer to the **Mount Spacing** section for specific spacing dimensions. Be sure all measurements are precise for an easy installation. Determine and clearly mark all mounting locations prior to starting the installation.
- All fixtures are pre-wired for input power on one side of the fixture. This side is labeled “AC Input”, and will be referred to as **Side A** of the fixture throughout this document. The other end of the fixture will be referred to as **Side B**.
- This installation requires a minimum of two (2) people to reduce risk of injury and/or damage to the fixture(s). Continuous runs longer than 8’ or greater than two (2) fixtures requires a minimum of three (3) people.

Surface Mount (Downlight Only)

1. Prepare the mounting surface junction boxes or ceiling anchors according to the mounting method (hardware by others).
2. Remove the End Caps and Lens. [Figure 1]
3. Disconnect and remove each LED Tray. [Figure 1]
For Single Fixtures, skip to Step 6.
4. Insert **Inner Joiners** into the side(s) of the starter fixture. [Figure 2]. Tighten with a Hex Key or Ratchet.
5. Install the **Small Joiner Bracket(s)** (or **Large Joiner Bracket** for **Control Boxes** installed in the middle of the run) between the fixture(s) using the provided thread-forming screws. [Figure 3]
6. Remove the **Cable Plug** where the fixture will access the junction box and install the fixture to the surface using the appropriate mounting hardware for the surface (by others). [Figure 4].
7. Make the wire connections from the starter fixture to the building wiring using the included wire nuts. Push any extra length of wire into the junction box.



8. Reconnect and reinstall each LED Tray.
9. Replace the Lens and End Caps.
10. Restore branch supply power and ensure the fixture functions properly. If the fixture does not turn on or function properly, shut off the branch supply power and check all electrical connections.

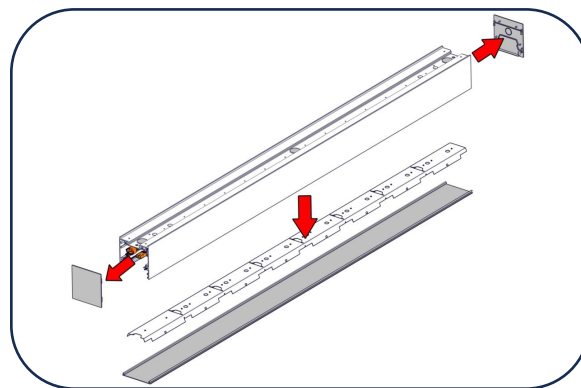


Figure 1

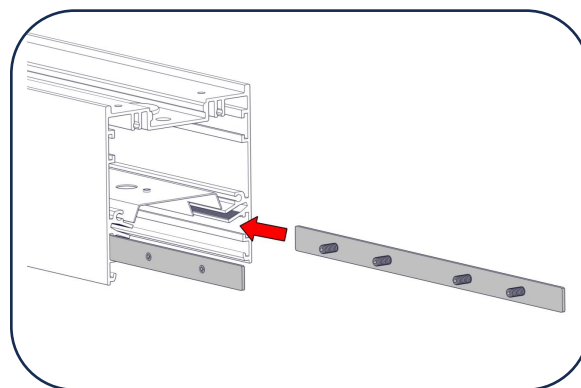


Figure 2

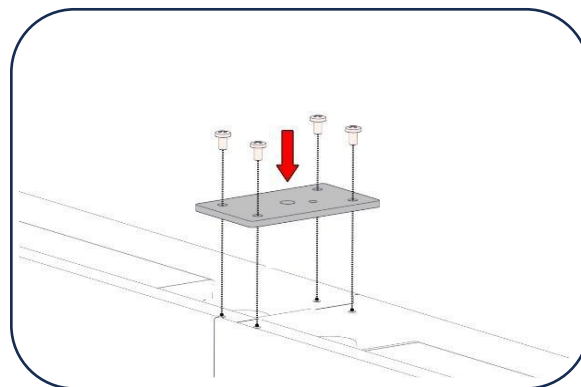


Figure 3

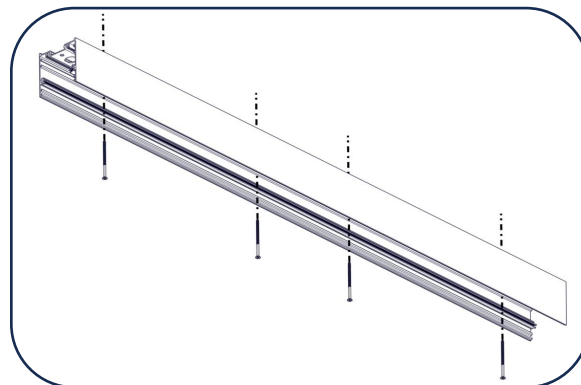


Figure 4

Maximum Continuous Run Length

7L Continuous Run
Max. Input Current: 6A

SUPPLY VOLTAGE: 120VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	7L	54	712.8	108
2	Up/Down	7L	27	712.8	54
3	Downlight	7L	36	712.8	108
3	Up/Down	7L	18	712.8	54
4	Downlight	7L	27	712.8	108
4	Up/Down	7L	13	686.4	52
5	Downlight	7L	21	693	105
5	Up/Down	7L	10	660	50
6	Downlight	7L	18	712.8	108
6	Up/Down	7L	9	712.8	54
8	Downlight	7L	13	686.4	104
8	Up/Down	7L	6	633.6	48

SUPPLY VOLTAGE: 277VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	7L	125	1650.0	250
2	Up/Down	7L	62	1636.8	124
3	Downlight	7L	83	1643.4	249
3	Up/Down	7L	41	1623.6	123
4	Downlight	7L	62	1636.8	248
4	Up/Down	7L	31	1636.8	124
5	Downlight	7L	50	1650.0	250
5	Up/Down	7L	25	1650.0	125
6	Downlight	7L	41	1623.6	246
6	Up/Down	7L	20	1584.0	120
8	Downlight	7L	31	1636.8	248
8	Up/Down	7L	15	1584.0	120

10L Continuous Run
Max. Input Current: 6A

SUPPLY VOLTAGE: 120VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	10L	36	712.8	72
2	Up/Down	10L	18	712.8	36
3	Downlight	10L	24	712.8	72
3	Up/Down	10L	12	712.8	36
4	Downlight	10L	18	712.8	72
4	Up/Down	10L	9	712.8	36
5	Downlight	10L	14	693	70
5	Up/Down	10L	7	693	35
6	Downlight	10L	12	720	72
6	Up/Down	10L	6	712.8	36
8	Downlight	10L	9	712.8	72
8	Up/Down	10L	4	633.6	32

SUPPLY VOLTAGE: 277VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	10L	83	1643.4	166
2	Up/Down	10L	41	1623.6	82
3	Downlight	10L	55	1633.5	165
3	Up/Down	10L	27	1603.8	81
4	Downlight	10L	41	1623.6	164
4	Up/Down	10L	20	1584	80
5	Downlight	10L	33	1633.5	165
5	Up/Down	10L	16	1584	80
6	Downlight	10L	27	1603.8	162
6	Up/Down	10L	13	1544.4	78
8	Downlight	10L	20	1584	160
8	Up/Down	10L	10	1584	80

13L Continuous Run
Max. Input Current: 6A

SUPPLY VOLTAGE: 120VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	13L	27	712.8	54
2	Up/Down	13L	13	686.4	26
3	Downlight	13L	18	712.8	54
3	Up/Down	13L	9	712.8	27
4	Downlight	13L	13	686.4	52
4	Up/Down	13L	6	633.6	24
5	Downlight	13L	10	660	50
5	Up/Down	13L	5	660	25
6	Downlight	13L	9	712.8	54
6	Up/Down	13L	4	633.6	24
8	Downlight	13L	6	633.6	48
8	Up/Down	13L	3	633.6	24

SUPPLY VOLTAGE: 277VAC					
Fixture Length (ft)	Style	Lumen Package	Max. Fixture Quantity	Total Wattage (W)	Max. Run Length (ft)
2	Downlight	13L	62	1636.8	124
2	Up/Down	13L	31	1636.8	62
3	Downlight	13L	41	1623.6	123
3	Up/Down	13L	20	1584	60
4	Downlight	13L	31	1636.8	124
4	Up/Down	13L	15	1584	60
5	Downlight	13L	25	1650	125
5	Up/Down	13L	12	1584	60
6	Downlight	13L	20	1584	120
6	Up/Down	13L	10	1584	60
8	Downlight	13L	15	1584	120
8	Up/Down	13L	7	1478.4	56

Note: All run lengths are calculated per power feed. Fixture runs may be longer when additional power feeds are provided and installed appropriately.