

T-Grid Drop



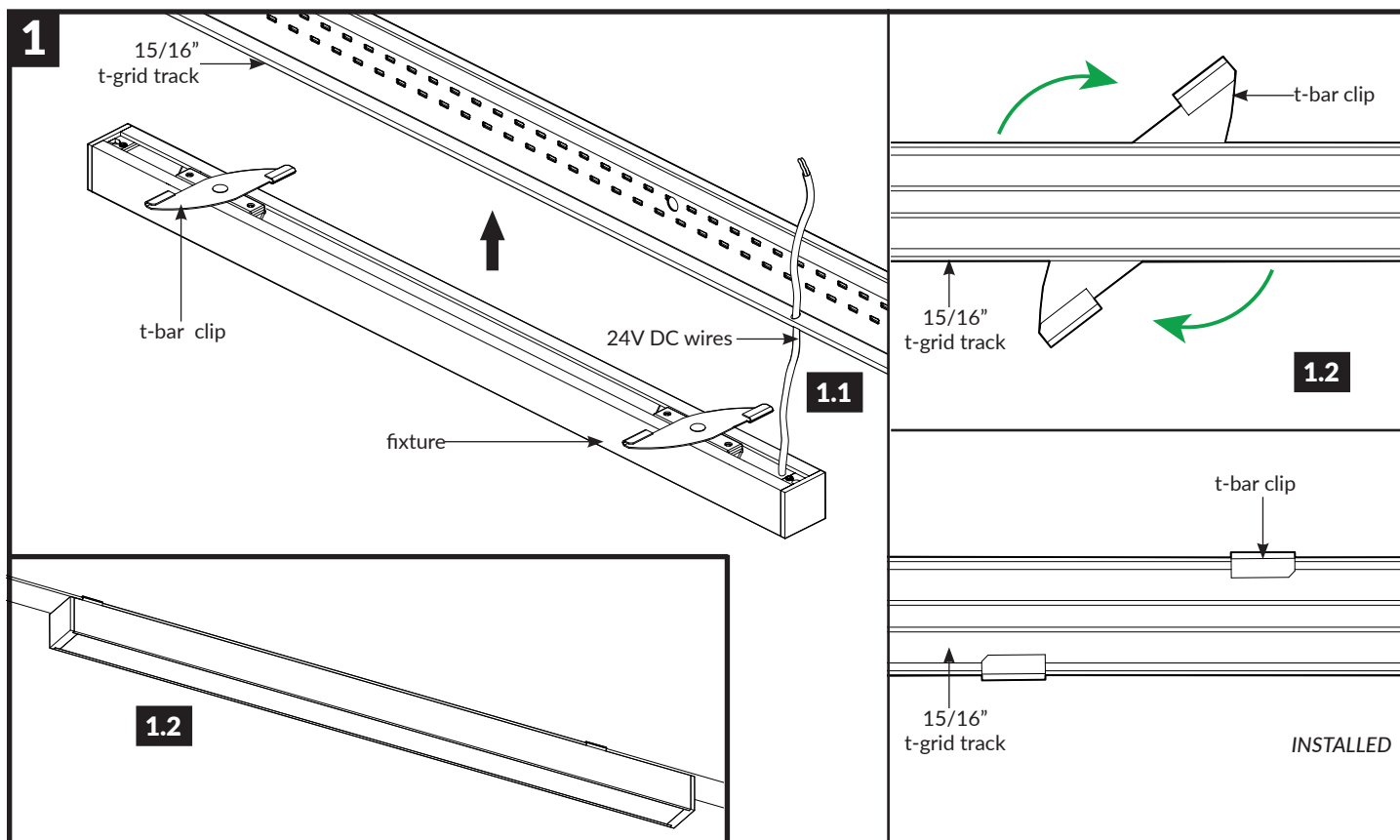
SAFETY INFORMATION

WARNING: Do not connect directly to high voltage power (120V-277V). Use only with 24V DC hardwire or plug-in power supply. Factory warranty will be void if used otherwise.

- Read complete instruction.
- These products may represent a potential shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, local electrical codes and the National Electric Code (NEC).
- Do not use if there is any damage to the unit or to the wiring/insulation. Inspect periodically.
- Do not route cords through walls, doors, windows or any similar part of a building structure.
- Do not secure fixture cord or its power cord with staples, nails, or any other sharp objects that may cause damage. Mounting adhesive is available (sold separately).
- Do not install fixture closer than 6" to combustible material.
- Ensure proper gauge wires are installed between Power Supplies, Controls & fixture to avoid voltage drop.
- Ensure applicable wires are in compliance with local codes (In-wall rated, wet-location, high temperature, etc.).
- Recommended load for power supplies is 80%.



Install the Fixture - Secure to Track & Connect to Power



INSTALLATION NOTES:

- Make sure the remote power supply wires are near enough to connect later with the fixture.
- Make a hole to the ceiling tile or to the t-grid track, for the power feed wire to go through.

1.1 If needed, adjust or relocate ceiling tiles. Then run the 24V DC wires to the remote supply.

1.2 Align each t-bar clip to the 15/16" t-grid track. Followed by rotating each clip into the track to secure the fixture in place. Then lower the ceiling tiles into the track.

WARNING: Do not connect 24V DC wires directly to high voltage power (120V-277V). Factory warranty will be void if used otherwise.



Low Voltage Wire Gauge Chart

24V DC Voltage Drop and Wire Length (ft.) Distance Chart

Wire Gauge	Power (W)	10W	20W	30W	40W	50W	60W	70W	80W	90W	100W	110W	120W
	#18	189'	94'	63'	47'	38'	31'	27'	24'	21'	19'	17'	16'
	#16	300'	149'	100'	76'	60'	50'	43'	37'	33'	30'	27'	25'
	#14	478'	238'	159'	120'	95'	79'	68'	60'	53'	48'	43'	40'
	#12	753'	274'	250'	189'	150'	125'	108'	94'	83'	75'	68'	63'
	#10	1205'	599'	400'	303'	240'	200'	172'	150'	133'	120'	109'	100'

Typical Wiring Diagram - Static Color

