

# Installation Guide

## VIVID™ T8 LED ByPass Shatterproof Nano-Freezer/Cooler

Please read this installation manual carefully, it contains important information and notes regarding the installation and operation of VIVID T8 LED ByPass Nano Freezer/Cooler Tube (BPSP/N/FC).

**Model Information:** VIV-T8BPSP/N/\*\*W/40/F/FC/\*FT

LED CLASS	LAMP TYPE	BYPASS, SHATTERPROOF	MATERIAL	WATTAGE	CCT(K)	FROST	APPLICATION	SIZE
VIV (Vivid)	T8	BPSP (Bypass, Shatterproof)	N (Nano)	18W 22W 26W	40 (4000K)	F (Frost)	FC (Freezer/Cooler)	Blank (4FT) 5FT 6FT

order number	model number
1753400	VIV-T8BPSP/N/18W/40/F/FC (4FT)
1754400	VIV-T8BPSP/N/22W/40/F/FC/5FT (5FT)
1754401	VIV-T8BPSP/N/26W/40/F/FC/6FT (6FT)



Product includes the following components:

PARTS	Accessories Chart (Sold Separately)	Maximum Number of Lamp Connections	Watts
Cabinet Light		30 Lamps	18W
72" power cord and plug	Y-Splitter Cord KT-WH-FT-YS	25 Lamps	22W
Installation Instruction Sheet	36" Extension Cord KT-WH-FT-36	20 Lamps	26W

**CAUTION: Before installing, make certain the AC power to the fixture is off.**

**CAUTION:** The electrical rating of this product is 120V. Installer must confirm that there is 120V at the fixture/host sign before installation.

**CAUTION:** LEDs are extremely bright. Do not look directly at the LED light source for extended time as over-exposure may cause harm to the eyes.

**CAUTION:** Use only insulated staples or plastic ties to secure cords. Route and secure cords so that they will not be pinched or damaged when cabinet is pushed to the wall. Mount cabinet lights to ensure lamp caution is visible during relamping. Not intended for recessed installation in ceilings.

Utilisez uniquement des agrafes isolées ou des attaches en plastique pour fixer les cordons.

Acheminez et attachez les cordons de manière à ce qu'ils ne soient pas pincés ou endommagés lorsque l'armoire est poussée contre le mur.

Montez les lumières de l'armoire pour vous assurer que la lampe est visible pendant le changement de lampe.

Non destiné à une installation encastrée dans les plafonds.

**CAUTION / WARNING:** To reduce the risk of fire, do not install in a compartment smaller than the below dimensions(mm):  
4ft: 300×300×1230mm; 5ft: 300×300×1500mm; 6ft: 300×300×1800mm

## WARNINGS

### WARNING: RISK OF ELECTRIC SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

### WARNING: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing, or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy the packing material, as these may be hazardous to children.

### WARNING: RISK OF FIRE

- Keep combustible materials away from the luminaire and lamp/lens.
- MIN 90°C SUPPLY CONDUCTORS.

The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.

This portable luminaire has a polarized plug (one blade is wider than the other) as a safety feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless the plug can be fully inserted. Do not alter the plug. To reduce the risk of death, personal injury or property damage from fire, electric shock, failing parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels. Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions. Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

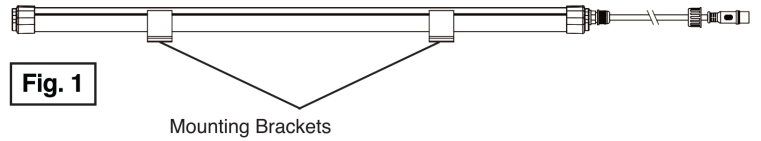
For Residential installation: If you are unsure about the installation or maintenance of your luminaires, consult a qualified licensed electrician and check your local electrical code.

DO NOT INSTALL DAMAGED PRODUCT This fixture is intended to be connected to a properly installed grounded UL listed junction box.

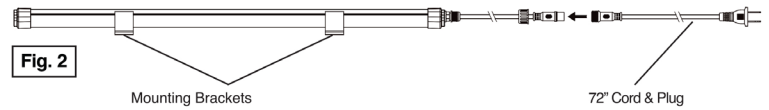
## INSTALLATION

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

1. Make sure to turn the power off by disconnecting the supply voltage.

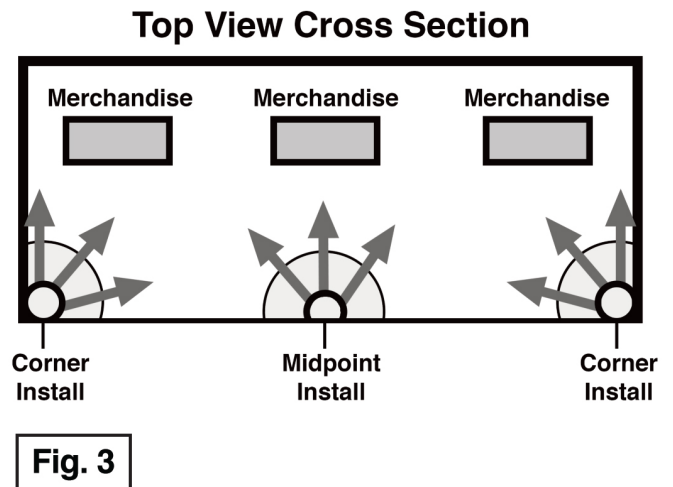


2. Fix the mounting brackets with screw in proper position on the internal surface of freezer/ cooler.



3. Put the tube into the mounting brackets as seen in **Fig 1**.

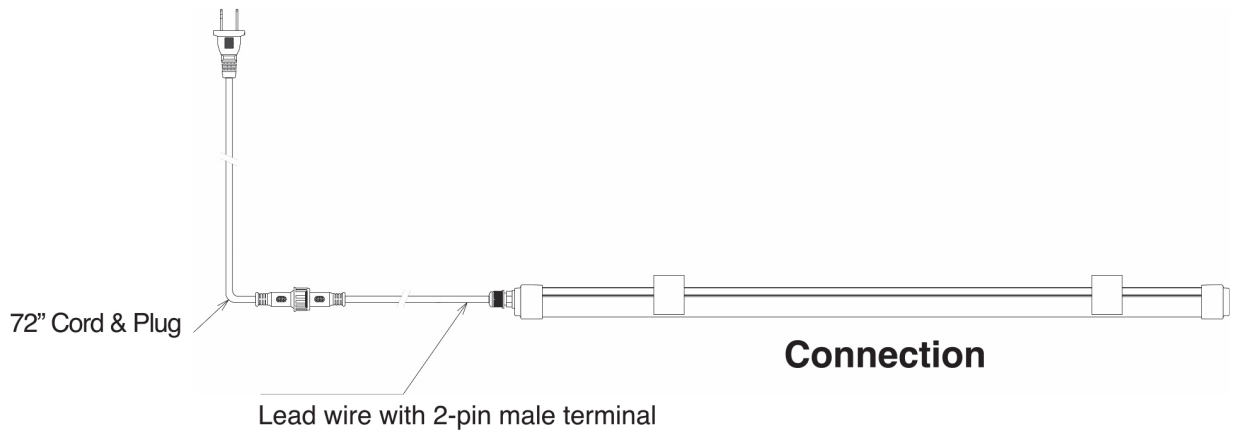
4. Turn and connect the 72" Cord & plug with the freezer/ cooler light as seen in **Fig 2**, Turn power on and check the light distribution angle as seen in **Fig 3**.



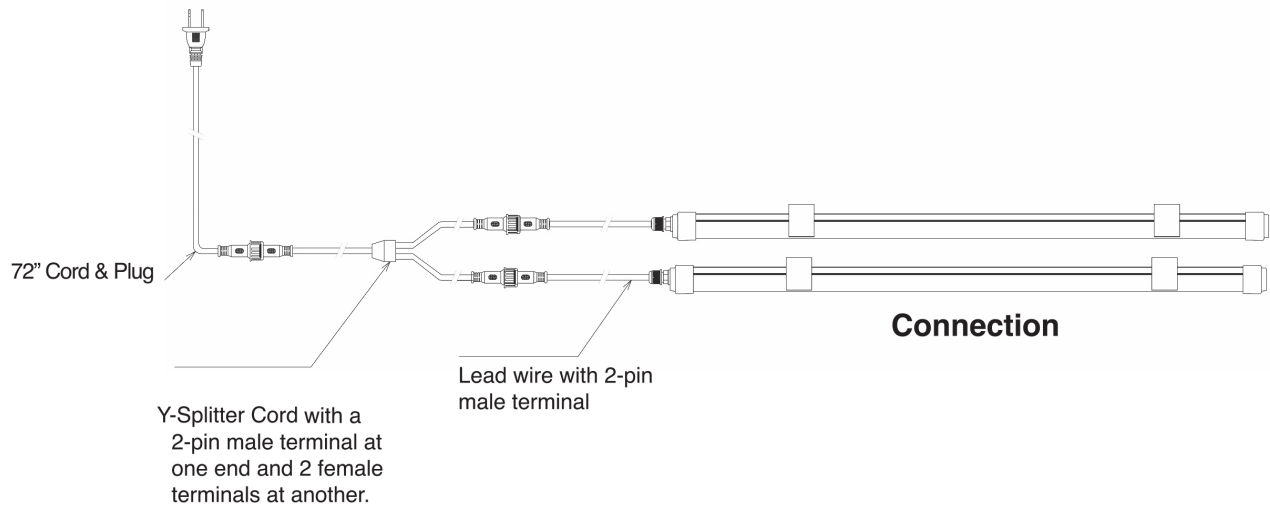
## GENERAL WIRING DIAGRAM

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

### Single light connection:



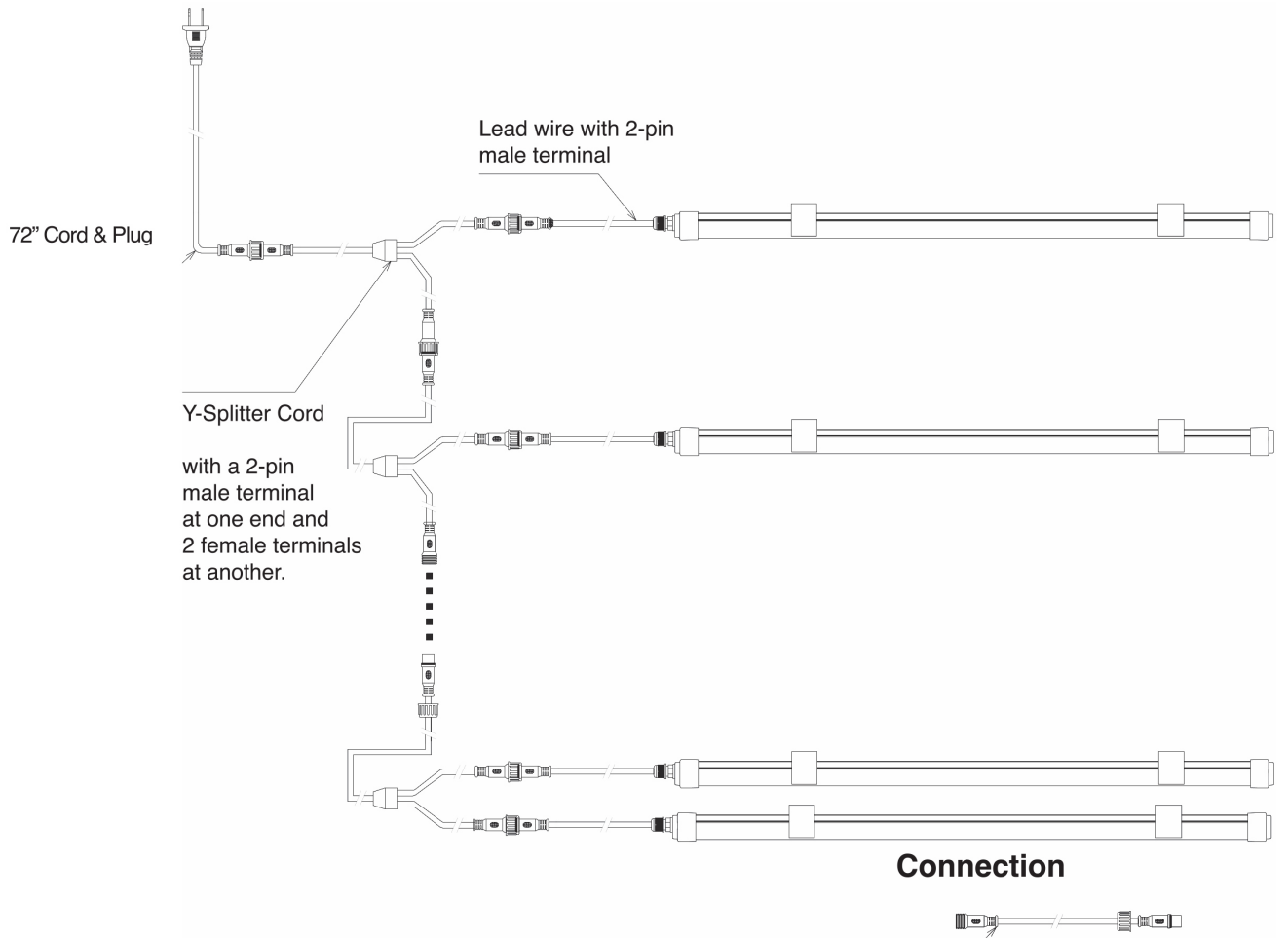
### Double light connection:



## GENERAL WIRING DIAGRAM (continued)

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

### Multiple light connection:



### Terminal Diagrams:

## Terminal Diagrams

