

INSTALLATION INSTRUCTIONS

SFLEX WHITE LED TAPE



Please carefully review all instructions and warnings prior to installation. Keep instructions for future reference.

****DANGER: Prior to installation, disconnect power at the source.****

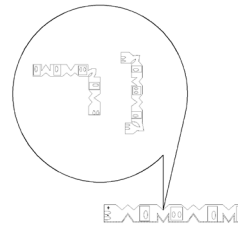
DO NOT



DO NOT COVER OR APPLY EXCESS PRESSURE TO LED TAPE

DO NOT FOLD OR CREASE LED TAPE

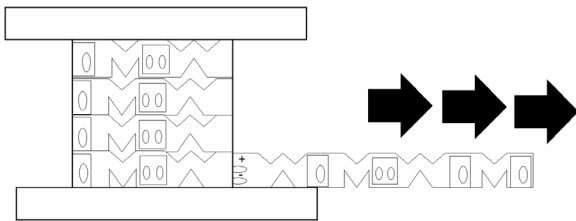
DO



TAPE CAN BE TWISTED TO MAKE TURNS

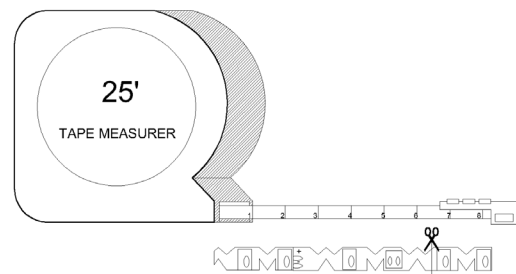
- Do not connect directly to high voltage power (120V-277V). Use only with 24V DC hardwire or plug-in power supply. Factory warranty will be void if used otherwise.
- These products may represent a potential shock or fire hazard if improperly installed in any way. Products should be installed in accordance with these instructions, local electrical codes, and the National Electric Code (NEC).

1



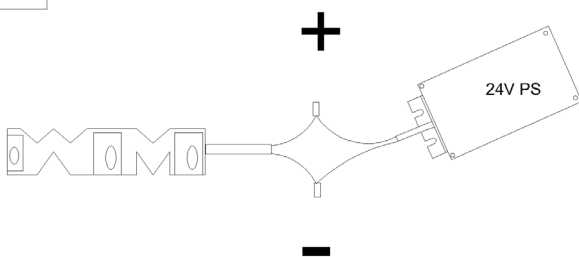
Remove the LED tape spool from its package and un-roll the LEDs.

2



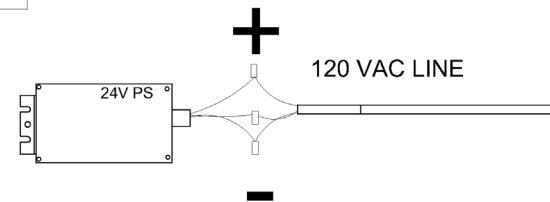
Measure the location where the LED tape will be placed and identify the cut point of the LED tape. The cut point be marked with a black line or a small scissors image.

3



Connect the power supply to the LED tape wires. Make sure the connections are secure and correspond to the polarity of the LED tape.

4



Connect the power supply to AC power/line voltage. Refer to the wiring diagram of the power supply being used. Each power supply has its own specific wiring.

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VOLTAGE DROP:

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

Power (W)	10W	20W	30W	40W	50W	60W	70W	80W	90W	100W	110W	120W	
Wire Gauge	#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'

TROUBLESHOOTING:

Tape light does not light up:

- Make sure the DC power supply is turned on and receiving power.
- Confirm you have maintained correct polarity (+ to + and - to -) when joining tape lights as well as when connecting to the 12V or 24V DC power supply.
- Check all light connections and any switch or dimmer connections from the power supply to the tape lights.
- Consider testing with a multimeter to ensure tape light is receiving 12V or 24V DC power.

Tape light is only partially lit:

- Check connections to the part of the tape light that is not lit.
- Confirm you have maintained correct polarity (+ to + and - to -) when joining tape lights as well as when connecting to the 12V or 24V DC power supply.
- If only 1 LED series is out, cut out and remove the damaged 3-LED group and splice together tape lights or replace with new 3-LED section.

Tape light blinks on, then turns off:

- Your power supply is not adequate for the length of tape lights you are powering. Install a higher wattage power supply or reduce watts used by shortening the lengths of your tape lights.

LEDs farthest from the power supply are noticeably dimmer:

- This is the result of voltage drop. Decrease the length of the 24V DC power feed wires or use thicker power feed wires between the 24V DC power supply and the lighting tapes. (See the “Voltage Drop” section.)
- Use shorter lengths of tape lights.