



INNOVATIVE
LIGHTING



Architectural
Systems

N-Series
Tubelight

Tube Light

N-Series Tube Light Installation Guidelines

Tube lights are manufactured to supplied measurements - they can not be cut. Any tube over 6 feet long is “folded over” for shipping purposes. Remove tape and unfold tube carefully to its full length.

Tube lights can be manufactured with “Single Feeds” (2 wires coming out of one end of the tube only), or “Double Feeds” (2 wires coming out of both ends).

Single Feeds should be used when each Tube light will be powered individually, as in a step situation where power will be brought to each Tube light.

Double Feeds are used in cases where several Tube lights will be connected in a long run as in a situation where you will be outlining a ceiling or running down a hall or aisle.

When joining tubes together, cut the feeds to the desired length and solder/heat shrink the wires. The connection can then be buried by drilling a small hole in your mounting surface at point where the tubes meet. A small dab of clear silicone can be applied to the joint to finish it off.

If you have very long runs it is advisable to power the tubes from the centre of the run so it feeds both ways. This will avoid voltage drop.

Care should be taken to avoid “slapping” the tubes during installation. Once installed, they will last for years and years and can be left on 24 hours a day if desired.

If you have a situation where a tube must turn a corner simply “score” the plastic tube with a razor knife.

Apply pressure on either side of the score mark and the tube will “snap” cleanly allowing for the turn.

Finish off the corner with a dab of clear silicone. Remember, score and snap the tube - never cut through the internal wiring.

When attaching tubes to a wall or ceiling etc. - press them into a bead of clear silicone and tape them until the silicone sets.

If using the Tubelites with one of our carpet extrusions (aisle, wall or step) they are simply set into the extrusions and the lens cap snaps in over the lighting.

Power Requirements:

Use one 75 VA 24 Volt Class II transformer for every 300 bulbs.

Lamps are 4 volts, .06 amps, .24 watts, series of 6, 100,000 hours.

A twin 16 or 18 Ga. Feed wire should be used to bring the 24 volts to the individual Tube lights or long Tube lights run, whichever the case may be.

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