



CREATING A GREENER WORLD

Wire Gauge Distance Chart

for Power Limited Tray Cable (PLTC)

When the distance increases between the secondary side of the power supply and the first LED in a letter or the beginning of a tubing run, the gauge of wire needed will change as follows:

Distance in feet from power supply	Wire gauge
0 to 15 ft 18 AWG + 5 ft of 18 AWG	18
15 to 50 ft 14 AWG + 5 ft of 18 AWG	14
50 to 125 ft 12 AWG + 5 ft of 18 AWG	12
125 to 200 ft 10 AWG + 5 ft of 18 AWG	10

NOTE: With 5ft of 18 AWG wire in place on the secondary side.
