



WIRE GAUGE CHART

The correlation of wattage and distance is used to determine appropriate wire gauge. On the chart below, locate where the wattage of your LED run intersects with the distance to your power supply.

24V POWER APPLICATIONS

WATTAGE	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
20W	1449ft	912ft	573ft	360ft	227ft	142ft	89ft
40W	720ft	453ft	285ft	179ft	113ft	70ft	44ft
60W	481ft	303ft	190ft	120ft	75ft	47ft	29ft
80W	361ft	227ft	143ft	90ft	57ft	35ft	22ft
100W	288ft	182ft	114ft	72ft	45ft	28ft	18ft

Maximum cable length per wattage & wire gauge.

Use this chart for single-color LED systems only.

Please consult factory to determine wire gauge for color changing and color tuning systems.