



StripFlexLED™
LED STRIP LIGHT PRO

SIRS-E®
BRILLIANCE BORN IN THE USA

STRIPFLEXLED KIT

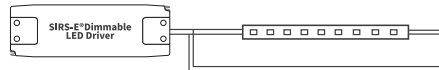
Power Setup and Consumption

INTRODUCTION

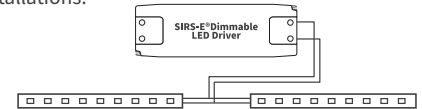
The **StripFlexLED™** Kit includes a **60W LED driver**, which determines the maximum length of LED strips you can safely use. Each strip consumes a specific amount of power per meter, so exceeding the driver's capacity can lead to performance issues, including blinking lights and potential damage to the driver. This short guide explains how strip length impacts power consumption to help you plan an efficient setup.

POWER SETUP OPTIONS

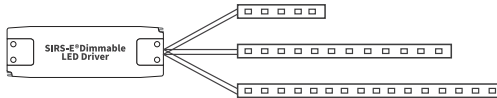
Power from Both Ends: Connect power to both ends to maintain uniform brightness on longer runs.



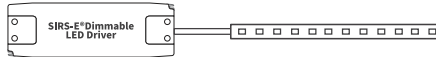
Power from Center: Powers the strip from the middle to ensure even brightness for medium-length installations.



Power Multi Runs: Power separate strip sections individually to avoid voltage drop across multiple runs.
Note: Power consumption depends on the length of each LED strip segment and the wattage rating of the power supply.



Power from One End: Simple configuration suitable for shorter runs with minimal voltage drop.



POWER CONSUMPTION FROM ONE END

Length (Meters)	Length (Feet)	Power Consumption (Watts)	Recommendation
1m	3.3 ft	9.7 W	✓ Recommended
2m	6.6 ft	18.2 W	✓ Recommended
3m	9.8 ft	25.2 W	✓ Recommended
4m	13.1 ft	28.8 W	✓ Recommended
5m	16.4 ft	31.0 W	✓ Recommended
6m	19.7 ft	N/A	⚠ Voltage Drop
7m	23.0 ft	N/A	⚠ Voltage Drop
8m	26.2 ft	N/A	⚠ Voltage Drop
9m	29.5 ft	N/A	⚠ Voltage Drop
10m	32.8 ft	N/A	⚠ Voltage Drop

Notice: Runs longer than 5 meters are not recommended when powering from a single end due to voltage drop. While you can extend up to 10 meters, expect a noticeable drop in voltage after the 5-meter mark.

OPTIMAL LENGTH RECOMMENDATION

Setup Options	Length	LED Driver Wattage	Power Consumption (W)
Power From One End	16.4 ft. / 5m	60	Approx. 31.0 W
Power From Center & Both Ends	26.2 ft. / 8m	60	Approx. 57.6 W
Power Multi Runs	Power consumption depends on the length of each LED strip segment and the wattage rating of the power supply.		

Thank you for selecting SIRS-E® StripFlexLED™ White LED Strip Lights. We are committed to providing the highest quality lighting solutions. For additional accessories, replacements, or inquiries, visit www.sirs-e.us.



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