



the LED lighting source
COMMERCIAL • LANDSCAPE • ARCHITECTURAL • RESIDENTIAL

Project: _____
 Client: _____
 Part #: FLEX-P-EXTREME-24VDC-fin-lc-cri
 Date: ____ / ____ / ____ Qty: _____

15 Brownridge Rd. Unit 6, Halton Hills, ON L7G 0C6 • 905-487-8192 • 1-877-LED-2DAY • SGiLighting.com

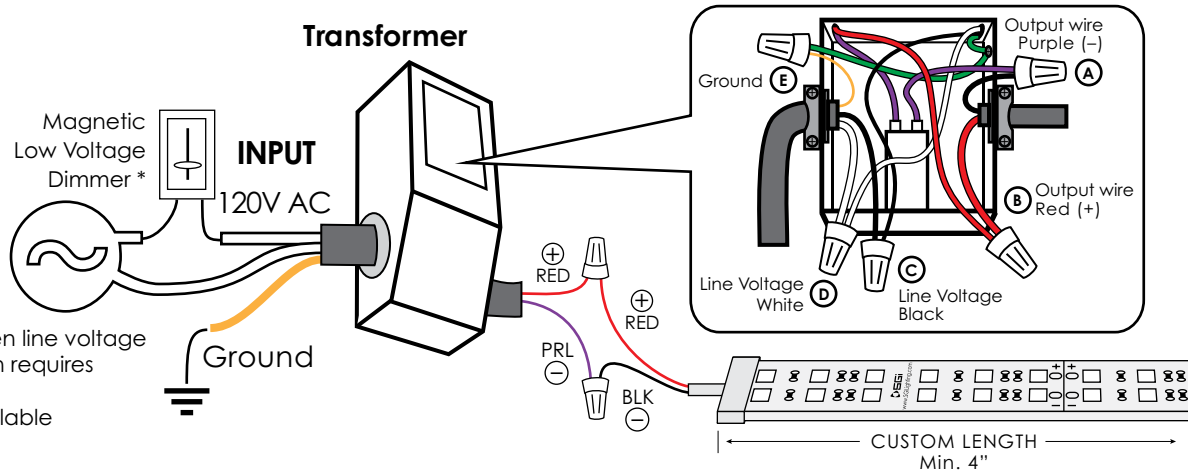
LED Flex Light • ExtremeBright • Wiring

LED FLEX – SINGLE COLOUR WIRING

You will need:

- Mareltes
- SGi LED Transformer(s)
- SGi LED Flex Light Strip(s)
- 18 AWG 2 conductor shielded cable

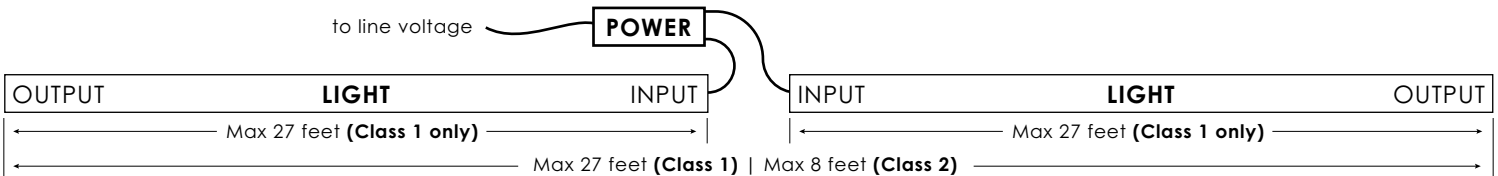
* Dimmer switch is wired between line voltage and power supply, if installation requires dimming options.
 Non-dimmable drivers are available



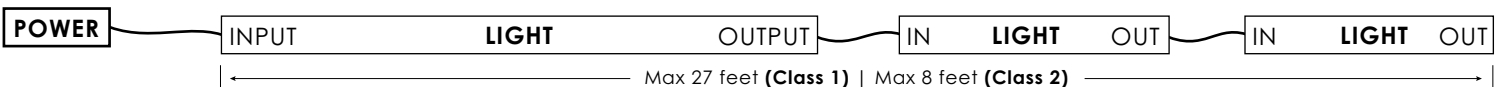
LED FLEX – WIRING CONFIGURATION EXAMPLES

The following illustrations are guides only. They are here to introduce general wiring configurations. See wattage chart below for more information on maximum run lengths.

HOMERUN multiple light strips back to the power supply. Maximum light length is 27 feet on Class 1 transformers.



CUSTOMIZE with small jumpers to incorporate unique lengths into run.



FLEX-P-EXTREME-24VDC-fin-lc-cri – POWER-36-24VDC-watt DIMMABLE

Power Supply	20 Watt class 2	40 Watt class 2	60 Watt class 2	96 Watt class 2	150 Watt class 1	200 Watt class 1	300 Watt class 1
Max ft of light	1 ft	3 ft	5 ft	8 ft	13 ft	18 ft	27 ft
Max cable distance between power & light	12AWG >300ft 14AWG 238ft 16AWG 149ft 18AWG 94ft	12AWG 189ft 14AWG 119ft 16AWG 74ft 18AWG 47ft	12AWG 126ft 14AWG 79ft 16AWG 49ft 18AWG 31ft	12AWG 68ft 14AWG 43ft 16AWG 27ft 18AWG 17ft	12AWG 46ft 14AWG 29ft 16AWG 18ft 18AWG 11ft	12AWG 35ft 14AWG 21ft 16AWG 13ft 18AWG 9ft	12AWG 23ft 14AWG 14ft 16AWG 9ft 18AWG 6ft