



the LED lighting source™

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

Project: \_\_\_\_\_

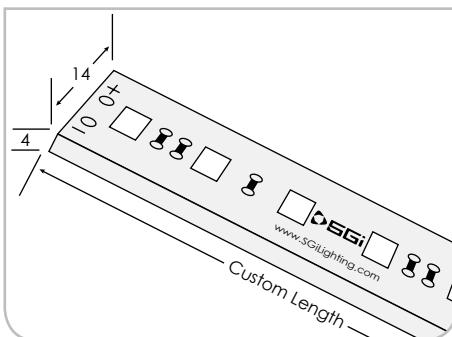
Client: \_\_\_\_\_

Part #: FLEX - P - ULTRA - ov - fin - lc - cri

Date:      /      /           Qty:     

SPECIFICATION

## LED Flex Light • UltraBright



<b>Operating Voltage (ov)</b>	24V DC    12V DC*
<b>Finish (fin)</b>	Rugged – silicone injected, available in: WHT      White PCB BLK      Black PCB*
<b>Light Colour (lc)</b> Correlated Colour Temperature (CCT)	2700K      Incandescent White 3000K      Warm White 3500K      Sand White 4000K      Neutral White 5000K      Cool White Specify Kelvin (K) for other CCTs* R Red*    G Green*    B Blue*    A Amber* See RGB spec sheets for Colour Changing options
<b>Beam Angle (ba) Degrees</b>	120°
<b>Light Output</b> Lumens (at 85 CRI)	2700K      310.6      per foot 3000K      338.2      per foot 3500K      365.8      per foot 4000K      393.2      per foot 5000K      420.7      per foot
<b>CRI (cri) Colour Rendering Index</b>	85          95*
<b>IP Rating</b>	IP67
<b>Dimension</b> Width, Height, Length	W          0.551"      14 mm H          0.157"      4 mm L          Specify maximum length in inches
<b>Watts</b>	4.4W per foot
<b>Input Voltage</b>	AC 100V – 240V, 277V, 347V external transformer
<b>Dimmable</b>	Yes          With dimmable transformer MLV, ELV or 0-10V. Please specify at time of order.
<b>Operating Temperature</b>	-25°C to +50°C    -13°F to 122°F
<b>Life</b> Lumen Maintenance	50,000 hours

### Part Number Configuration – FLEX-P-ULTRA-ov-fin-lc-cri

Category	Grade	Family	Operating Voltage (ov)	Finish (fin)	Light Colour (lc)	CRI (cri)
FLEX	P- Professional	ULTRA	12VDC* 24VDC	WHT White BLK Black*	2700K IW 3000K WW 3500K SW 4000K NW 5000K CW R* G* B* A*	85 95*

\* Available on special order



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INSTALLATION

## LED Flex Light • UltraBright • Wiring

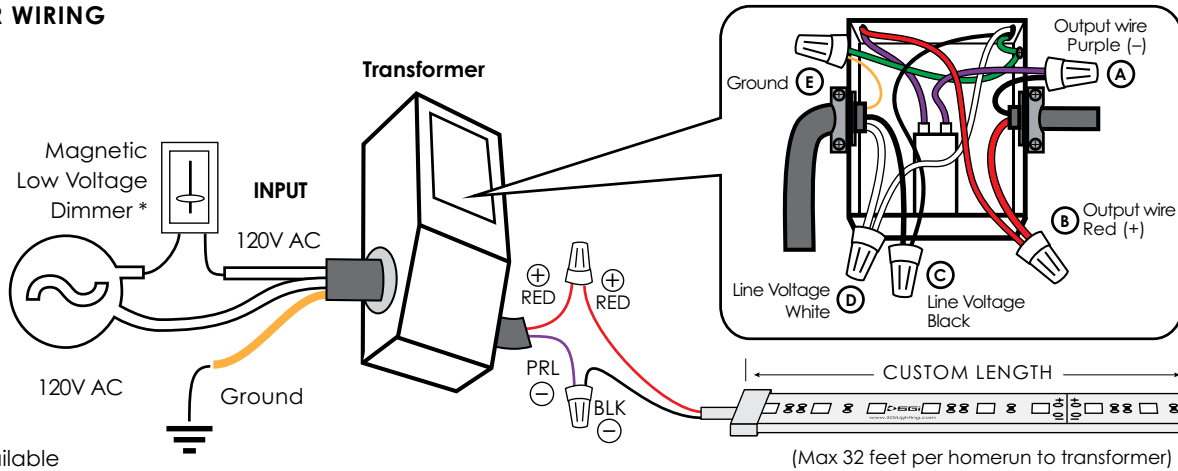
### LED FLEX – SINGLE COLOUR WIRING

#### To Start:

##### You will need:

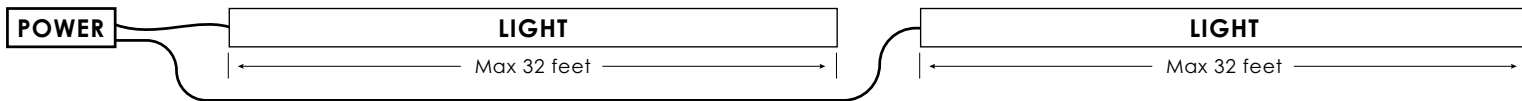
- Marettes
- Clear silicone
- SGi LED Transformer(s)
- SGi LED Flex Light Strip(s)
- 12 to 18 AWG 2 conductor shielded cable

\* Non-dimmable drivers are available

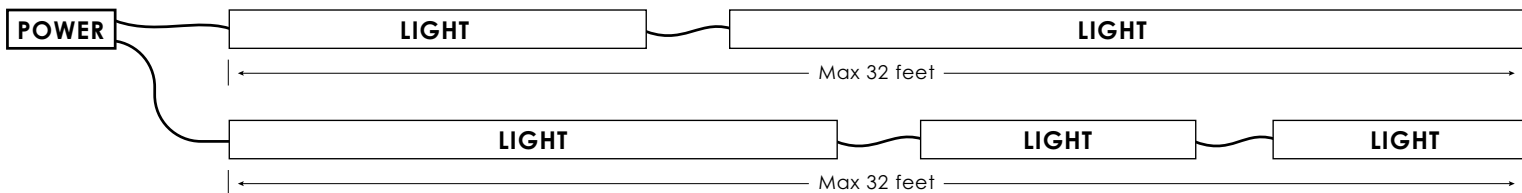


### LED FLEX – WIRING CONFIGURATION EXAMPLES

The following illustrations are guides only. They are here to introduce general wiring configurations.



Homerun back to the power supply once LED Flex light reaches 32 feet



Customize with small jumpers to incorporate unique lengths into run. Homerun to power once run reaches 32 feet.

### FLEX-ULTRA-ov-fin-lc – POWER-36-24VDC-watt DIMMABLE (12VDC Power options available)

	20 Watt	40 Watt	60 Watt	96 Watt	150 Watt	200 Watt	300 Watt
<b>Max linear ft</b>	3 ft	7 ft	10 ft	17 ft	27 ft	36 ft*	54 ft*
<b>Max cable distance between power &amp; light</b>	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

\* Every 32 linear feet of light must be home-run to a transformer.