



the LED lighting source™

COMMERCIAL • LANDSCAPE • ARCHITECTURAL • RESIDENTIAL

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

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

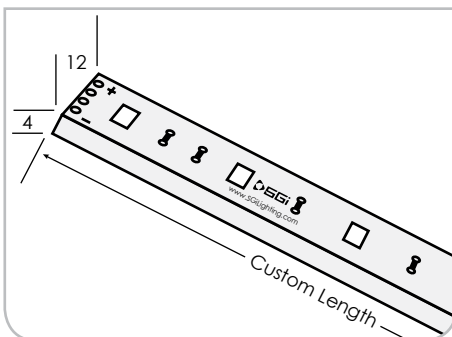
Client: \_\_\_\_\_

Part #: FLEX - P - REG - ov - fin - RGB

Date: dd / mm / yyyy Qty: \_\_\_\_\_

SPECIFICATION

## LED Flex Light • RegularBright RGB



<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)	RGB    Colour Changing  Also available in Whites and Single Colours Please see individual product spec sheets
<b>Beam Angle (ba) Degrees</b>	120°
<b>Light Output</b> Lumens	RGB White    138.9    per foot
<b>IP Rating</b>	IP67
<b>Dimension</b> Width, Height, Length	W    0.472"    12 mm H    0.157"    4 mm L    Specify maximum length in inches
<b>Watts</b>	2.2W 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-REG-ov-fin-lc

Category	Grade	Family	Operating Voltage (ov)	Finish (fin)	Light Colour (lc)
FLEX	P- Professional	REG	12VDC* 24VDC	WHT White BLK Black*	RGB

\* Available on special order



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INSTALLATION

## LED Flex Light • RegularBright RGB • Wiring

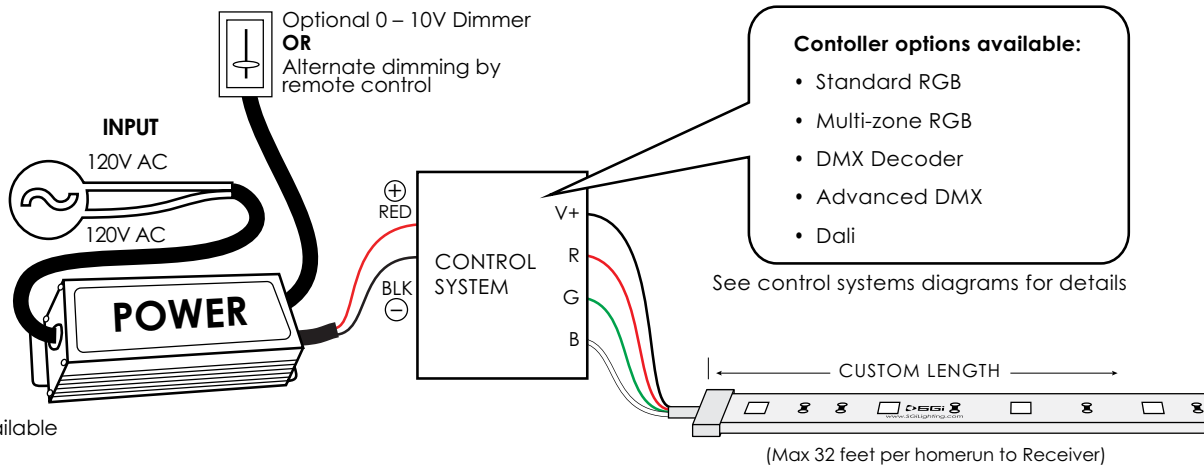
### LED FLEX – RGB WIRING

#### To Start:

##### You will need:

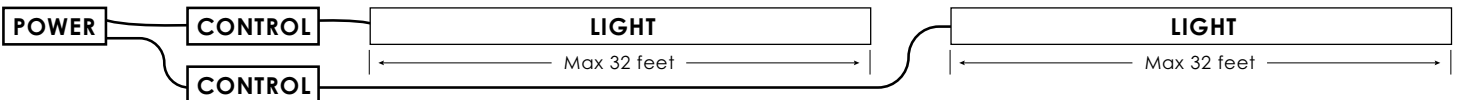
- Marettes
- Clear silicone
- SGi LED Transformer(s)
- SGi LED Neon Light Strip(s)
- 18 AWG 4 conductor shielded cable

\* Non-dimmable drivers are available

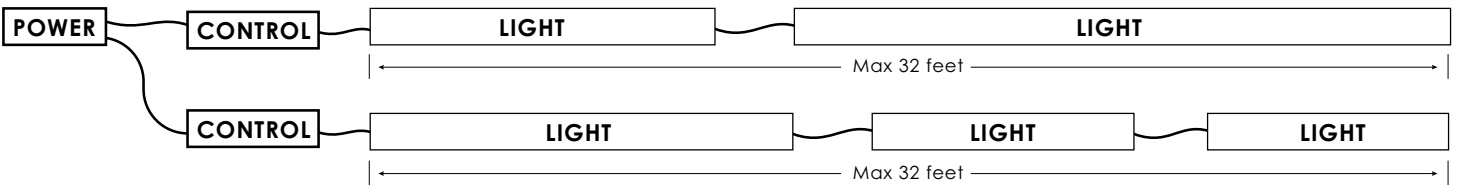


### LED FLEX – WIRING CONFIGURATION EXAMPLES

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



Homerun back to the controller once LED Flex light reaches 32 feet



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

### FLEX-REG-ov-fin-ic – 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>	7 ft	14 ft	21 ft	35 ft*	54 ft*	72 ft*	109 ft*
<b>Max cable distance between power &amp; light</b>	12AWG >300ft	12AWG 189ft	12AWG 126ft	12AWG 68ft	12AWG 46ft	12AWG 35ft	12AWG 23ft
	14AWG 238ft	14AWG 119ft	14AWG 79ft	14AWG 43ft	14AWG 29ft	14AWG 21ft	14AWG 14ft
	16AWG 149ft	16AWG 74ft	16AWG 49ft	16AWG 27ft	16AWG 18ft	16AWG 13ft	16AWG 9ft
	18AWG 94ft	18AWG 47ft	18AWG 31ft	18AWG 17ft	18AWG 11ft	18AWG 9ft	18AWG 6ft

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