



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: _____

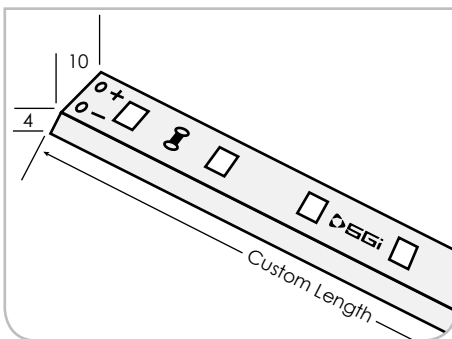
Client: _____

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

Date: dd / mm / yyyy Qty: _____

SPECIFICATION

LED Flex Light • BasicBright



Operating Voltage (ov)	24V DC	12V DC*
Finish (fin)	Rugged – silicone injected, available in: WHT White PCB BLK Black PCB*	
Light Colour (lc) 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*	
Beam Angle (ba) Degrees	120°	
Light Output Lumens (at 85 CRI)	2700K 3000K 3500K 4000K 5000K	114.5 120.6 125.1 129.6 138.6 per foot
CRI (cri) Colour Rendering Index	85	95*
IP Rating	IP67	
Dimension Width, Height, Length	W H L	0.393" 10 mm 0.157" 4 mm Specify maximum length in inches
Watts	1.57W per foot	
Input Voltage	AC 100V – 240V, 277V, 347V external transformer	
Dimmable	Yes With dimmable transformer MLV, ELV or 0-10V. Please specify at time of order.	
Operating Temperature	-25°C to +50°C -13°F to 122°F	
Life Lumen Maintenance	50,000 hours	

Part Number Configuration – FLEX-P-BASIC-ov-fin-lc-cri

Category	Grade	Family	Operating Voltage (ov)	Finish (fin)	Light Colour (lc)	CRI (cri)
FLEX	P- Professional	BASIC	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



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 - BASIC - ov - fin - lc - cri

Date: ____ dd / mm / yyyy Qty: _____

INSTALLATION

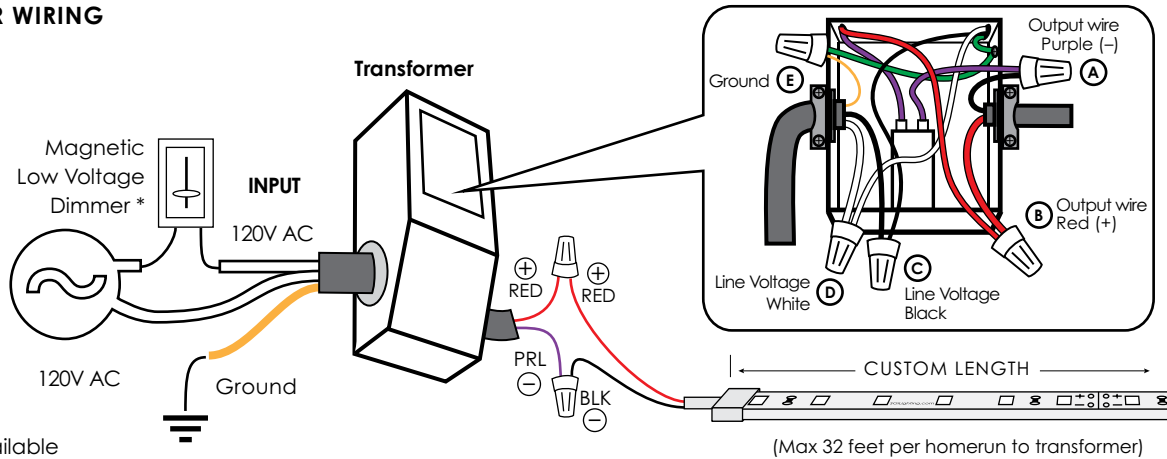
LED Flex Light • BasicBright • Wiring

LED FLEX – SINGLE COLOUR WIRING

To Start:

You will need:

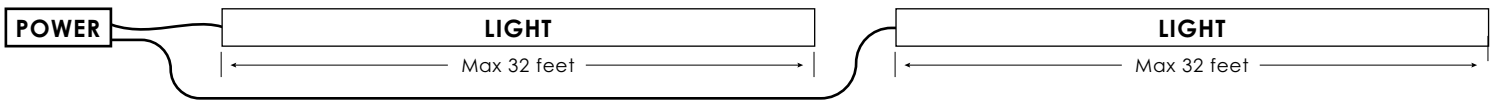
- Marettes
- Clear silicone
- SGi LED Transformer(s)
- SGi LED Flex Light Strip(s)
- 12 to 18 AWG 2 conductor shielded cable



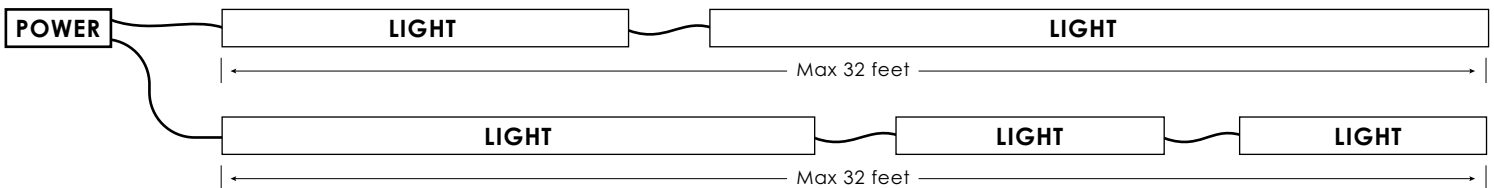
* Non-dimmable drivers are available

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-BASIC-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
Max linear ft	10 ft	20 ft	30 ft	49 ft*	76 ft*	101 ft*	152 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

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