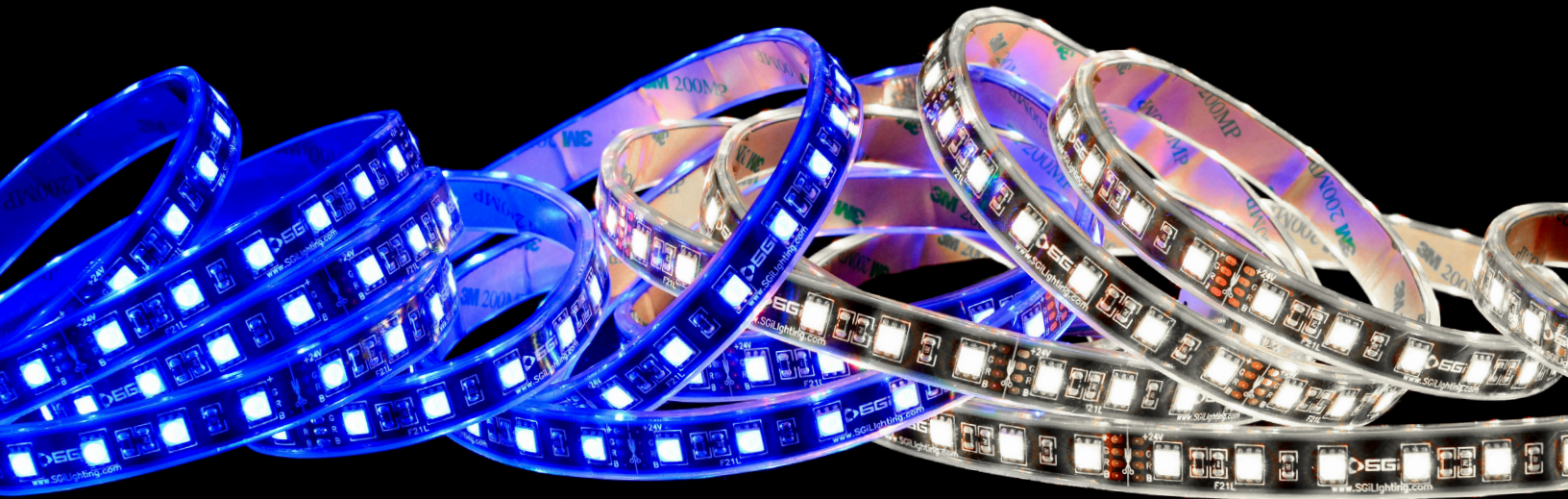


LED Flex Light

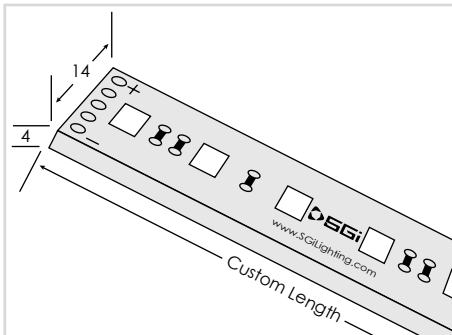
UltraBright 4.4 Watt RGBW



High Output - UltraBright 4.4 Watt RGBW



LED Flex Light • UltraBright 4.4 Watt RGBW



Dimensions in millimeters

Length	Custom Length cuttable every 4.0" (101.6 mm)		
Operating Voltage	24V DC		
Finish (fin)	Rugged – silicone injected, available in: WHT White PCB BLK Black PCB ¹		
Light Colour (lc) Correlated Colour Temperature (CCT)	RGBW3000K Colour Changing with 3000K RGBW4000K Colour Changing with 4000K RGBW5000K Colour Changing with 5000K Also available in Whites and Single Colours Please see individual product spec sheets		
Beam Angle (ba) Degrees	120°		
Light Output Lumens (at 90 CRI)	RGBW3000K	338.2	per foot
	RGBW4000K	393.2	per foot
	RGBW5000K	420.7	per foot
CRI (cri) Colour Rendering Index	90+ for single colour white components only		
IP Rating	IP67		
Dimension Width, Height, Length	W	0.551"	14 mm
	H	0.157"	4 mm
	L	Specify maximum length in inches	
Watts	5.8 Watts per foot		
Input Voltage	AC 100V – 240V, 277V external transformer		
Dimmable	Yes With dimmable transformer MLV, ELV, Phase or 0-10V. Please specify at time of order. Sold separately.		
Operating Temperature	-25°C to +50°C		-13°F to 122°F
Life Lumen Maintenance	50,000 hours		
Warranty	5 Years		

Recommended Tracks

LP2410

REC2421

UCH2428

GENIE_PROFILE-DOME

See track page for more compatible tracks. See individual track cutsheets for more details.

Part Number Configuration

FLEX

ULTRA_4.4W

24VDC

Category

Family (fam)

Operating Voltage

Finish (fin)

Light Colour (lc)

FLEX

ULTRA_4.4W

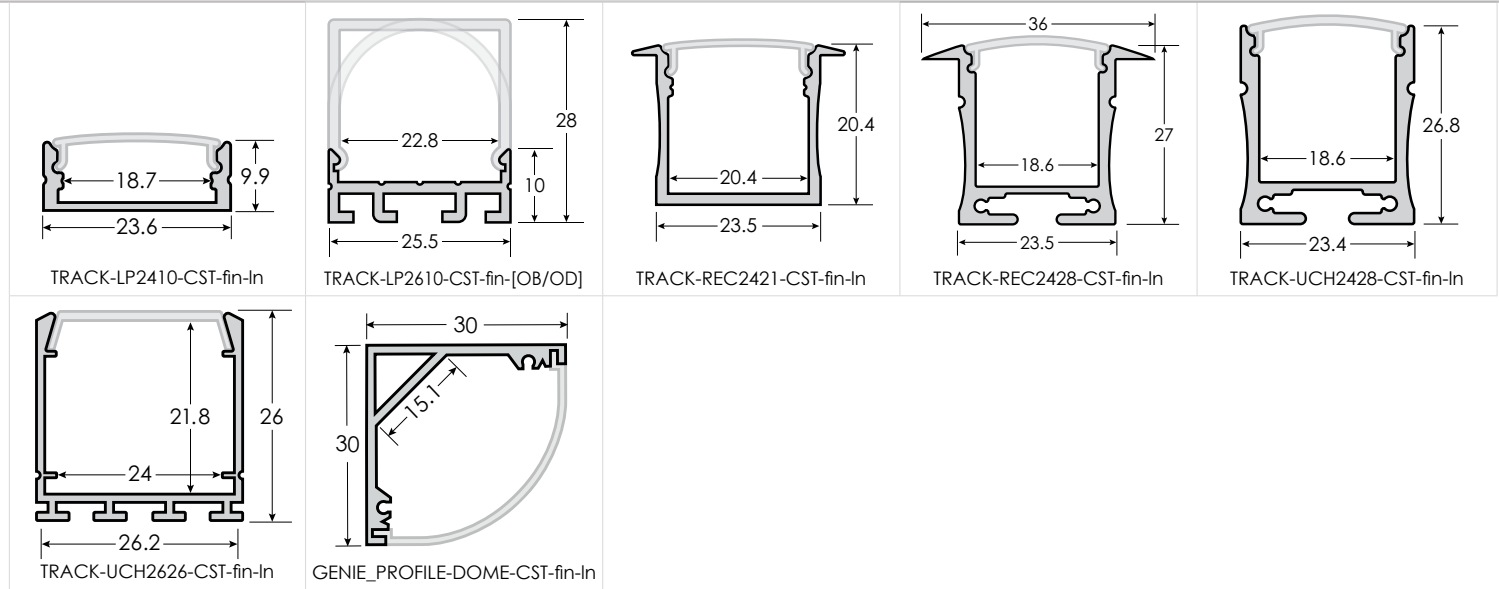
24VDC

WHT White
BLK Black¹RGBW3000K
RGBW4000K
RGBW5000K¹ SPECIAL ORDER. Please confirm availability. Allow for 4 – 6 weeks lead time.



LED Flex Light • UltraBright 4.4 Watt RGBW • Track Options

Please visit our **products page** on our website to view all tracks, along with track specifications.





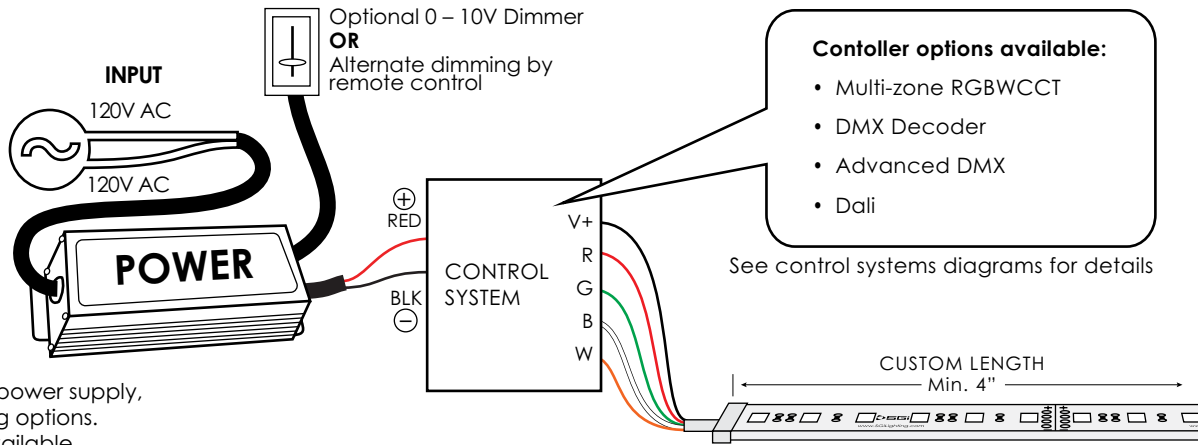
LED Flex Light • UltraBright 4.4 Watt RGBW • Wiring

LED FLEX – RGBW WIRING

To Start:

You will need:

- SGI LED Transformer(s)
- SGI LED Control System(s)
- SGI LED Flex Light Strip(s)
- 18 AWG 5 conductor shielded cable

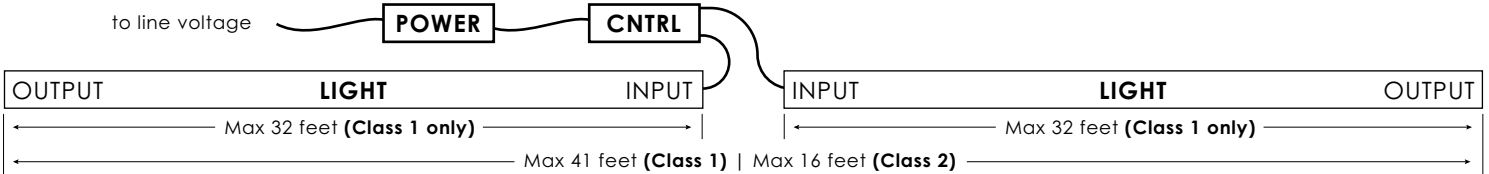


* Dimmer switch is wired off of power supply, if installation requires dimming options. Non-dimmable drivers are available

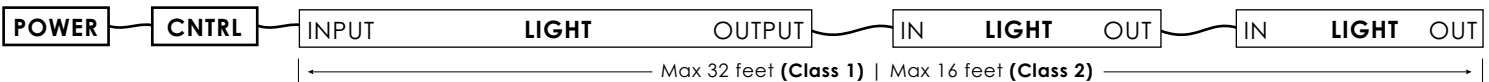
LED FLEX – WIRING CONFIGURATION EXAMPLES

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 32 feet on Class 1 transformers.



CUSTOMIZE with small jumpers to incorporate unique lengths into run. Homerun back to power supply after 32 ft (Class 1 only).



FLEX-ULTRA_4.4W-24VDC-fin-1c-90+ – POWER-21-24VDC-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	2 ft	5 ft	8 ft	13 ft	20 ft	27 ft	41 ft*
Max cable distance between power & light	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

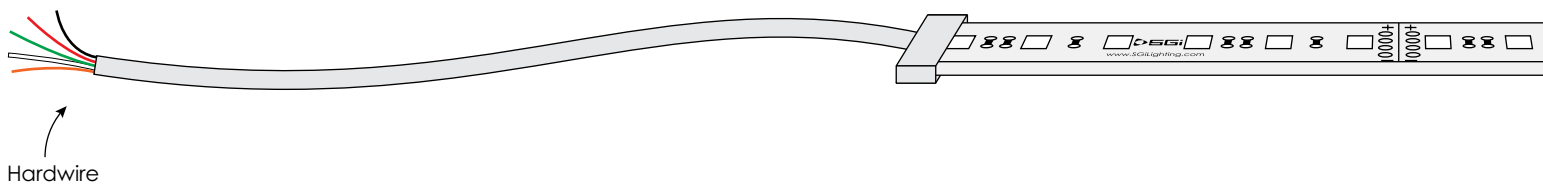
* Every 32 linear feet of light must be home-run to transformer. **All installations in North America must follow Class 2 requirements.
¹At 80% capacity



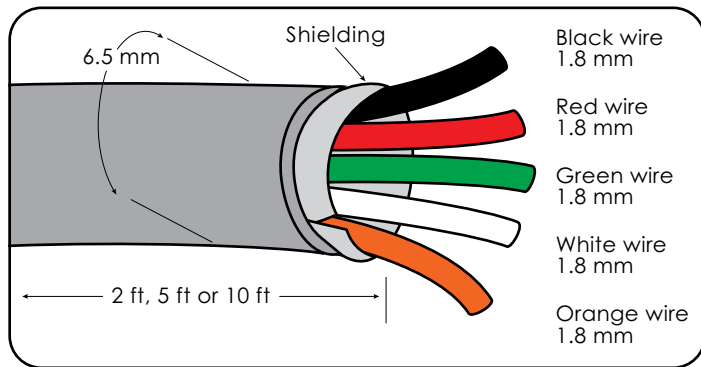


LED Flex Light • UltraBright 4.4 Watt RGBW • Cable Options

Cable for RGBW – **only available in Hardwire option**
Select 2 Ft, 5 Ft or 10 Ft cable leads



CABLE LEADS USE:
18AWG 5 Conductor Shielded Cable | CABLE-18AWG-GRY-5S



LED Flex Light UltraBright 4.4 Watt RGBW

With SGI's UltraBright 4.4 Watt RGBW, achieve two completely different (but equally beautiful) looks in a single LED Flex Light. UltraBright 4.4 Watt RGBW provides breathtaking RGB hues and also offers a sophisticated warm white, all on the same LED strip. Enjoy the freedom of switching between colour changing excitement and a dignified 4000K, 3000K or 2700K colour temperature. Pair with LED Track to achieve a directional or diffused lighting effect.

