



**Sorenson Lighted Controls**  
Illuminating Innovation™

# RT Flex Lite

## New Product Release



## Features

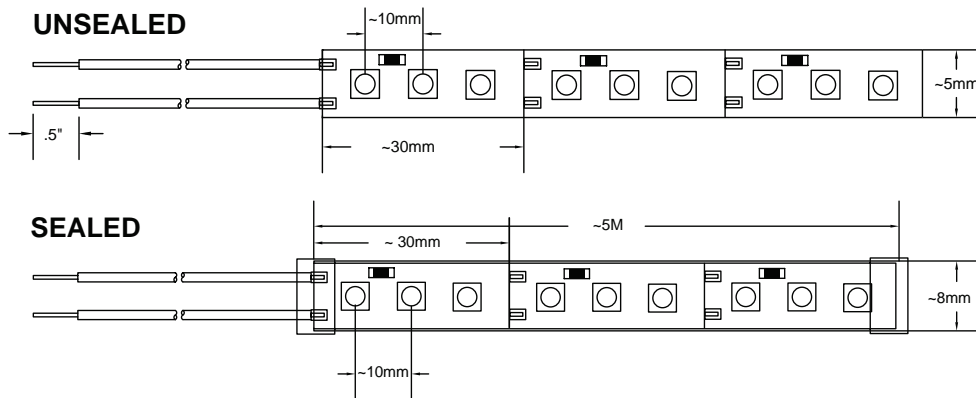
- **UL, CE and RoHS compliant**
- **Available sealed and unsealed**
- **IP 67 Sealing (Sealed Model)**
- **Long Life – over 50,000hrs**
- **UV resistant**
- **Working Voltage 12VDC**  
(24VDC available please contact factory)
- **Extremely high luminous flux with a wide viewing angle (120 Degrees)**
- **PCB Color**
  - **Sealed: White**
  - **Unsealed: Brown**
- **Temperature Range: -45C to +85C**
- **Flexible Single colors:**
  - **Max Current 3.2A at 12V (per reel)**
  - **1210 (3528) SMD LED**
  - **Max Watts 32**
- **Very flexible and easily curved to any shape**
- **Wide Applicability and easy to install and maintain**
- **Environmentally friendly, Energy saving**
- **3M double back tape mounting unsealed**

For Information:


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# RT Flex Lite



- Standard length per reel is 5M (16 ft)
- 480 LED's per reel
- Cut Length 30mm
- 3 LED's per cut
- Wire gauge, 20ga

 Max height 2.5mm

## Typical Data on a 12 inch cut section

Total Length (~300mm)	Number of LED's	Color	Current Draw	Power (per foot)	CCT / Wavelength	Single LED Luminous Flux / Intensity**	Luminous Flux per Intensity per Foot
12"	30	Red	200mA	2.4 W	630 nm	300mcd	900mcd
12"	30	Green	200mA	2.4 W	525 nm	1000mcd	3000mcd
12"	30	Blue	200mA	2.4 W	470 nm	220mcd	6600mcd
12"	30	Yellow	200mA	2.4 W	596 nm	400mcd	12000mcd
12"	30	Warm White	200mA	2.4 W	3000-3500k	4.5Lm's	135Lm's
12"	30	White	200mA	2.4 W	5000-5500k	4.5Lm's	135Lm's
12"	30	Pure White	200mA	2.4 W	6000-6500k	5Lm's	150Lm's

## Recommended Accessories - Sealed Flex Lite only

Cap Accessories	Description
RG-WIRCAP-020	Wire Caps for the RT Flex Lites
RG-ENDCAP-020	End Caps for RT FLex Lites

## Power Accessories \*

Recommended Waterproof Power Supply	
RG-PC12V5A-110	1 Reel - 16 Feet
RG-PC12V8A-110	2 Reel - 32 Feet

Recommended Non-Waterproof Power Supply	
RG-P12V5A-AD0	1 Reel - 16 Feet
RG-P12V8A-AD0	2 Reel - 32 Feet

\*For additional power supplies see accessory list

**Note: If you are using the cut sections of the RT, 30 W power supply is possible. Calculate the total length using the following formula**

RG-PC12V2.5-110	1 ft = 2.44 Watts	12V 2.5 Amps Waterproof
RG-P12V3A-AD0	1 ft = 2.44 Watts	12V 3 Amps Non-Waterproof

## Ordering Format

<u>XX</u>	<u>XX</u>	-	<u>X</u>	-	<u>X</u>	<u>X</u>	-	<u>XXX</u>	-	<u>X</u>	<u>XXX</u>		
RT	Voltage	Type	Code	Style	Code	Length	Code	Color	Code	Length In Inches	Type	Code	Code
	12	LED	12	Unsealed	U	6 inch	L	Red	1	192 (1 Reel)	Reel	R	
				Sealed	S			Green	4		Cut	C	
								Blue	5		Assembly	A	
								Yellow	8				
								Warm White	6				
								White	W				
								Pure White	P				

- For special requests or 24 volts, contact sales.
- Dustproof not Available