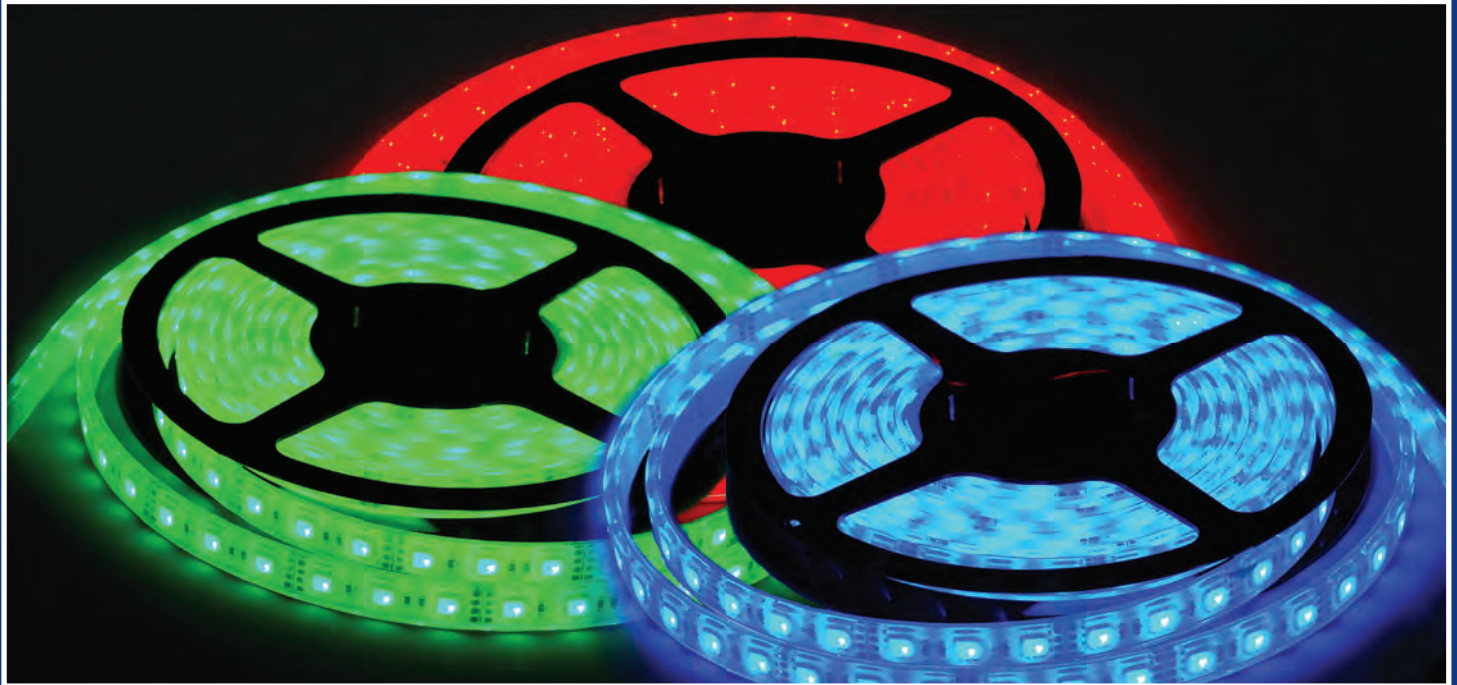




**Sorenson Lighted Controls**  
Illuminating Innovation™

# RU Flex Lite

New Product Release - Now available - Waterproof



## Features

- UL, CE and RoHS compliant
- Available sealed, unsealed, dustproof and waterproof
- Long Life – over 50,000hrs
- UV resistant
- Extremely high luminous flux with a wide viewing angle (120 Degrees)
- PCB Color - Standard
  - Sealed: White - IP 67 Sealing
  - Unsealed: Brown
  - Dustproof: Brown or Black- IP 54 Sealing
  - Waterproof: White - IP 68 Sealing
- Temperature Range: -45C to +85C
- RU Flex Lite:
  - Max Current 6A at 12V (per reel)
  - 5050 SMD LED
  - Max Watts: 72
- Working Voltage 12VDC (24VDC available please contact factory)
- 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 for unsealed and dustproof

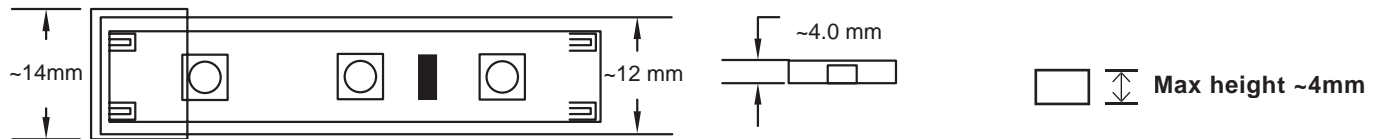
For Information:

800.275.7089 • 860.527.3092

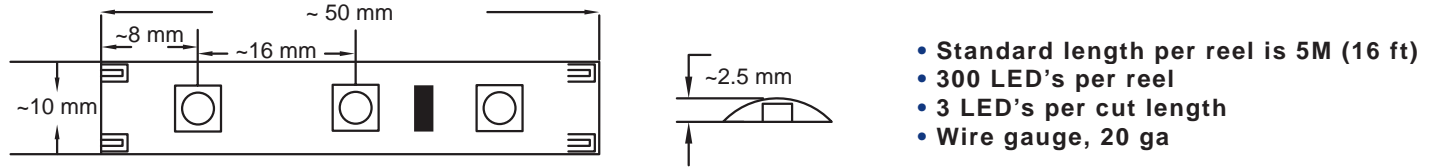
sales@solico.com • www.solico.com

# RU Flex Lite

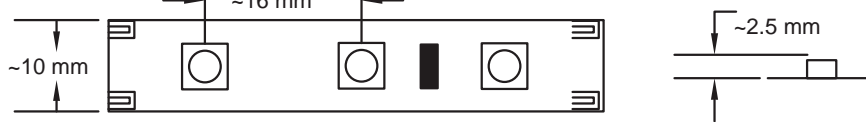
## Sealed / Waterproof



## Dustproof



## Unsealed



- Standard length per reel is 5M (16 ft)
- 300 LED's per reel
- 3 LED's per cut length
- Wire gauge, 20 ga

## Typical Data on a 12 inch cut section

Total Length In inches	Number of LEDs	Color	Current Draw	Power (per foot)	CCT/ Wavelength	Single LED Luminous Flux / Intensity	Luminous Flux per Intensity per foot
12	18	Red	360mA	4.32W	630 nm	900mcd	16200mcd
12	18	Green	360mA	4.32W	525 nm	2000mcd	36000mcd
12	18	Blue	360mA	4.32W	470 nm	600mcd	10800mcd
12	18	Yellow	360mA	4.32W	596 nm	1000mcd	18000mcd
12	18	Warm White	360mA	4.32W	3000-3500k	13.5 Lm	243.5 Lm
12	18	White	360mA	4.32W	5000k-5500k	13.5 Lm	243.5Lm
12	18	Pure White	360mA	4.32W	6000-6500k	13.5 Lm	261Lm

## Recommended Accessories - Sealed and Waterproof Flex Lites only.

RG-WIRCAP-010	End Cap - Wire Leads
RG-ENDRGB-000	End Cap without Wire Leads
RG-MTGRGB-000	Mounting Bracket

## Power Accessories

For additional power supplies see accessory list

Recommended Waterproof Power Supplies		Recommended Non-Waterproof Power Supplies	
RG-PC12V8-110	1 Reel - 16 Feet	RG-P12V8A-AD0	1 Reel - 16 Feet

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

RG-PC12V2.5-110	1 ft = 4.32 Watts	12V 2.5 Amps WaterProof (30W)
RG-PC12V5-110	1 ft = 4.32 Watts	12V 5 Amps WaterProof (60W)
RG-P12V3A-AD0	1 ft = 4.32 Watts	12V 3 Amps Non-Waterproof (36W)
RG-P12V5A-AD0	1 ft = 4.32 Watts	12V 5 Amps Non-Waterproof (60W)

## 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>		
RU	Voltage	Type	Code	Style	Code	Length	Code	Color	Code	Length In Inches	Type	Code	Code
	14	LED	12	Unsealed	U	6 inch	L	Red	1	192 (1 Reel)	Reel	R	000
	28	LED	13	Sealed	S			Green	4		Cut	C	
				Dustproof	D			Blue	5		Assembly	A	
				Waterproof	W			Yellow	8				
								Warm White	6				
								White	W				
								Pure White	P				

Contact Factory for Special Colors • For special requests or 24 volts, contact sales.